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Number 288 January 1993



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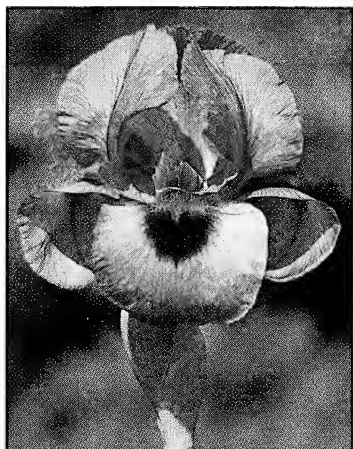
Howard Shockey



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QUEEN SHEBA
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**BULLETIN
OF THE
AMERICAN IRIS SOCIETY**
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A nonprofit institution incorporated Feb. 2, 1927, in the County of Philadelphia, State of Pennsylvania. By the terms of the Charter, the Corporation has no stockholders and exists for the sole purpose of promoting the culture and improvement of the IRIS.

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On The Cover: A scene from Lockerly Arboretum in Atlanta, Georgia, features Louisiana irises. Photo by Paul Gossett.



From the Desk of the President

Claire B. Barr

This is a happy occasion, the writing of my first message as president of The American Iris Society. It comes at an exciting time, as plans are being made to observe the seventy-fifth anniversary of the founding of this great organization, the celebration of which will take place in 1995 in Hershey, Pennsylvania.

According to an account by the first president of the AIS, Dr. John Wister, as related in the Golden Anniversary Issue of the *Bulletin*, January, 1970, there were some five dozen men and women from many sections of the horticultural world on hand for that first organizational meeting of the AIS at the New York Botanical Garden on January 29, 1920. Dr. N. L. Britton, director of the Garden, welcomed the group, closing his remarks by saying, "You have chosen a wonderfully and entrancingly beautiful genus of plants." Because of the foresight and dedication of this small group, we now are privileged to enjoy the benefits of membership in The American Iris Society, which has brought together researchers, hybridizers, gardeners, and anyone loving irises. What would the founding members say if they were here today? Would they approve the progress made in research, in hybridizing, in organizational structure? We hope so, and we would do well to keep these questions in mind.

Some of the topics discussed at that 1920 meeting were ones which are pertinent today, such as the compilation of lists of varieties, the compilation of cultural directions for different climates, research on pests and diseases, the promotion of shows, the promotion of popular interest through published articles, lectures, etc., etc. It is interesting that some things do not seem to change, but it is true also that there must be some changes or there will be no progress. The AIS has been making some changes and has been moving forward; it has also experienced tremendous growth, and keeping pace with this growth will require careful planning and long-term goals. I hope that such goals will keep in balance the consideration of the needs of individual members and the local societies as well as those of the regions and the society as a whole. Let us look ahead as we plan the 1995 celebration of our seventy-fifth anniversary, remembering the wisdom of those giants in the society down through the years who have made it possible for us to enjoy the benefits of this great organization.

This message would not be complete without a word about retiring President Kenneth Waite who has served so ably during the last three years and who has been so helpful to me in preparing for this position. Ken has worked tirelessly for many years for the AIS in a number of capacities, and we owe him a debt of gratitude.

The Fort Worth meeting, "Iris Roundup '93," is close at hand. The convention committee has worked long and hard to show us a great time with spectacular gardens and wonderful accommodations. We hope to see many of you there in the Lone Star State, April 20-24.

Let me close by saying that it is difficult for me to believe that the honor of becoming president of The American Iris Society has been bestowed upon me. I am well aware of the responsibilities which the job entails and am very appreciative of the support already given. Your continued support is needed. Together we can make it possible for The American Iris Society to move forward as it retains the good things from its past and accepts the changes necessary for a successful future.

AIS MEMBERSHIP RATES

Single Annual	\$ 12.50	Dual Triennial	37.50
Single Triennial	30.00	Single Life	250.00
Dual Annual	15.50	Dual Life	300.00
Youth Member, Without Bulletin			3.00
Youth Member, With Bulletin			4.50

OVERSEAS RATES

Single Annual	\$15.00	Dual Annual	\$18.00
Single Triennial	37.50	Dual Triennial	45.00

Overseas memberships include first class Bulletin and are payable in U.S. Currency

SECTION MEMBERSHIP RATES

	single annual	single triennial	family annual	family triennial
Median Iris Society	5.50	15.00	8.00	22.50
Society for Siberian Irises	5.00	13.00	6.00	15.00
Spuria Iris Society	5.00	12.00	6.00	14.00
Society for Japanese Irises	3.50	9.00	4.00	10.50
Reblooming Iris Society	4.00	10.00	5.00	12.00
Society for Pacific Coast Native Iris	4.00	10.00	5.00	12.00
Species Iris Group of North America	3.50	9.00	4.50	10.50
Louisiana Iris Society of America	3.00	8.00	4.50	12.00
Dwarf Iris Society	3.00	8.00	4.50	12.00
Historic Iris Preservation Society	5.00	12.00	6.00	15.00

Membership in AIS sections is open to all AIS members. Payment may be made directly to the Section, or may be made payable to the American Iris Society and sent to AIS Membership Secretary, Marilyn Harlow, P.O. Box 8455, San Jose, CA 95155-8455



**WELCOMES YOU
TO THE
AMERICAN IRIS
SOCIETY CONVENTION**

April 20 - 24, 1993

Fort Worth, Texas

Convention Headquarters

THE WORTHINGTON HOTEL

200 Main Street, Fort Worth, Texas 76102

Outside Texas (800) 433-5677

In Texas (800) 772-5977

Local (817) 870-1000

RATES: Single \$75.00, Double \$80.00, Triple \$90.00, Quad \$100.00

All rates are exclusive of motel, state and local taxes.

The Worthington Hotel is located in downtown Fort Worth and features 509 spacious, elegant and comfortable rooms with separate sitting area. Please make reservations directly with The Worthington, stating that you are attending the AIS Convention. All rooms blocked for the convention which are not reserved by March 27 will be released. Airport transportation information will be sent with your Registration Packet.

REGISTRATION FEES:

Postmarked before February 15	\$168.00
Postmarked February 15—March 15	\$185.00
Postmarked after March 15	\$205.00
Youth Registration (18 and under)	\$125.00

Optional Tours:	Tour #1: \$ 25.00	Tour #2: \$ 28.00
	Tour #3: \$ 28.00	Tour #4: \$ 28.00

NOTE: *Optional tours are based on demand and must be scheduled at time of registration. If insufficient registrations are received, money will be refunded.*

Make checks payable to 1993 AIS Convention and mail to:

Registrar Patsy Rosen

1109 Darlene

Arlington, Texas 76010

(817) 860-9559

When making your convention registration, please indicate if (1) you are an AIS Board member, (2) you are a hybridizer who has introduced irises, or (3) if you are a current RVP or judge. Please list names as you would like them on name tags.

Partial registration rates are available upon inquiry for advance registrations only. Full registration refund will be made if notice is postmarked no later than March 1; 50% refund will be made if notice is postmarked no later than April 9; and no refunds will be made thereafter.

OPTIONAL TOURS

TOUR #1: COWBOYS & CULTURE - COWTOWN, USA

Tuesday, April 20—9 a.m. to 3 p.m.—\$25.00

During this tour of Fort Worth, you will visit the Amon Carter Museum of Western Art (one of the best collections of Remingtons and Russells), the Kimbell Art Museum (a truly world class art museum), the Botanical Research Institute of Texas (more than 450,000 dried and pressed plant specimens) along with the Fort Worth Water Gardens, the Fort Worth Stockyards, Billy Bob's (the world's largest honky tonk), and lunch at Joe T. Garcias for Mexican food. Price includes lunch.

TOUR #2: FORT WORTH IRIS GARDENS

Tuesday, April 20—8 a.m. to 5 p.m.—\$28.00

This tour gives the AIS members a chance to visit approximately eight private gardens owned by members of the Fort Worth Iris Society. These gardens vary from small backyards to wooded beauties to larger gardens. The western part of Fort Worth is part of the blackland Grand Prairie with rolling terrain. The eastern part of the city is Eastern Cross Timbers, a mixture of layers of clay and sandy soil. With the drastic difference in soils, gardening also varies considerably. This nine hour tour includes the cost of lunch at Joe T. Garcias for Mexican food at its best!

Tour #3: KENNEDY MEMORIAL—DALLAS ARBORETUM

Wednesday, April 21—9 a.m. to 4 p.m.— \$28.00

The tour of Dallas starts in the West End Historic District with a tour of the Kennedy Memorial and the Sixth Floor Museum where it is said that Lee Harvey Oswald shot President Kennedy. Staying in the West End, lunch will be at Spaghetti Warehouse with a short shopping period before boarding buses to tour downtown Dallas and the Dallas Arboretum. Be sure to bring your camera—you'll want a picture of the stampeding horses in Los Colinas. Fees and lunch included in price of tour.

TOUR #4: DALLAS IRIS GARDENS

Wednesday, April 21—8 a.m. to 5 p.m.— \$28.00

One of the first stops of this tour will be Marie Caillet's garden which sits on the eastern edge of the Eastern Cross Timbers. Marie is well known as an authority on Louisiana irises and is a co-editor of the book *The Louisiana Iris*. Other gardens on the tour will also feature Louisiana and tall bearded irises in the Dallas area. Lunch will be in the historic West End Spaghetti Warehouse. The tour will last nine hours and includes the cost of lunch.

1993 AIS CONVENTION CHAIRMAN—KEITH A. SMITH

(817) 292-5804

6008 WONDER DRIVE

FORT WORTH, TEXAS 76133

PARTIAL REGISTRATION

OPENING BANQUET

6:30 P.M., WEDNESDAY — APRIL 21, 1993

\$27.00

AWARDS BANQUET

7:00 P.M., SATURDAY — APRIL 24, 1993

\$31.00

GUEST IRIS GARDEN TOURS

THURSDAY, FRIDAY & SATURDAY

APRIL 22-24

\$49.00 each

(Includes Registration Packet & Booklet)

SCHEDULE OF EVENTS— FORT WORTH 1993

Tuesday, April 20—Morning: 8:00 Optional Tour of Fort Worth Gardens, JIS Board, DIS Board; 9:00 Optional Tour of Fort Worth; 10:00 Siberian Iris Society Board. *Afternoon:* 1:00 Reblooming Board, Median Board; 2:00 AIS Board of Directors; 3:00 Dwarf Iris Society; 4:00 Spuria Board; 5:00 Past and Future Convention Chairmen's meeting, HIPS Board. *Evening:* 6:00 Robins meeting; 7:00 AIS Section Reps. meeting; 8:00 AIS Foundation, Sectional and Regional Bulletin Editors, RVP meeting; 9:00 AIS Judges' Training Chairman's meeting with RVPs.

Wednesday, April 21—Morning: 8:00 Siberian Iris Society, Optional Tour Dallas private gardens; 9:00 Optional Tour of Dallas, AIS Board of Directors, SIGNA meeting; 10:00 LISA meeting; 11:00 PCNI meeting. *Afternoon:* 1:00 Reblooming Society meeting; 2:00 Aril Society meeting; 3:00 Spuria Society meeting, JIS meeting; 4:00 MIS meeting, Bus Captain's Training meeting; 5:00 Youth Reception. *Evening:* 6:30 Opening Banquet.

Thursday, April 22—Morning: 7-7:30 Buses load for Duncanville Garden Tour.

Evening: 7:00 Judges Training on Arils with Howard Shockey

7:15 Judges Training on Spurias with Dave Niswonger

7:30 Judges Training on Awards and Ballots with Ron Mullin

Friday, April 23—Morning: 7-7:30 Buses load for Bonham Tour Garden.

Evening: 8:00 HIPS meeting.

Saturday, April 24—Morning: 7:15 Buses load for Mineral Wells Tour Garden.

Evening: 6:00 No Host Social Hour—Cash Bar; 7:00 Awards Banquet.

The Fort Worth Botanic Garden is scheduled for tour each day, Thursday-Saturday. The Iris Boutique will be open on the following schedule: Monday and Tuesday 8 a.m. to 8 p.m.; Wednesday 8 a.m. to 6:30 p.m. and 9 p.m. to 11 p.m.; Thursday 7 p.m. to 10 p.m.; Friday 7 p.m. to 10 p.m.; Saturday 9 p.m. to 11 p.m.; Sunday 8 a.m. to 12 noon.

Schedule for Registration Desk to be open is as follows:

Monday, April 19: 4 p.m. to 9 p.m.

Tuesday, April 20: 8 a.m. to 8 p.m.

Wednesday, April 21: 8 a.m. to 8 p.m.

Thursday, April 22: 7 a.m. to 7:30 a.m.

Friday, April 23: 6:30 a.m. to 7 a.m.

Saturday, April 24: 7 a.m. to 7:30 a.m.

Breakfast facilities open at the following times: Thursday at 6 a.m., Friday at 5:30 a.m.; Saturday at 6 a.m.

THE CLARK GARDEN

Hooker Nichols (Texas)

One of the most beautiful private gardens in the state of Texas and the western part of our country will, for a brief period of time next spring, become a public garden and welcome the members of The American Iris Society through its gate. Visitors will see how the dream of a young boy became a reality as he traveled through life's journey.

The entire botanical escapade for the members of The American Iris Society was, a quarter century ago, nothing but a barren mountain covered with native trees and flowers.

Through diligence and hard work, Max and Billie created one of the most beautiful garden spots on this planet. One cannot imagine the spectacular adventure that awaits at the top of the steep driveway to the mountain's top. The buses will park in the driveway of the office complex and the remarkable journey will begin. No matter which pathway one takes, he or she has to walk around the beautifully landscaped pond. (Texans call it a tank.) The refreshments will be served from the spacious pavilion. The visitor will enjoy watching the black swans and other water fowl in the middle of the pond. Louisiana irises have been naturalized in various areas near numerous official guest Louisiana irises. A copper iris water fountain will cause the camera shutters to click. Water fountains and falls constantly recycle the water in the pond.

The tiers of official guest irises start on the west side of the pond and move in a clockwise direction. Beyond the official guest irises, the visitors can enjoy the acres of naturalized bearded irises. With the exception of the old diploid irises found growing near an abandoned homesteader's house on the western side of the property, the bearded irises came from the Clark's nephew, Hooker Nichols, over the past twenty-five years. These were the bearded irises planted in the acres of carefully tended beds. If the visitor wanders far enough through the flowering beds, he or she will come upon the azalea and rose gardens.

All flowering plants, trees, and shrubs seen on the mountaintop are proven varieties which can withstand the hot, humid Texas summers and still provide a plethora of flowers and edible fruits and berries for human, insect, and animal consumption. Few chemicals are used since they might have an adverse effect on the ecology of the area.

The magnificence of the garden is a direct result of the movement of tons of topsoil from place to place. Even during the winter months, the mistletoe welcomes the family hikers.

This garden was not created specifically for the national iris convention. Its planning had taken place years before, and most of it had been constructed before the Fort Worth Iris Society approached the Clarks with the idea that it might be on tour. Every visitor will go home with fond memories of the Clark Garden.

The guest irises were planted in virgin soil which had been moved into the recently constructed tiers. The guest irises made fine growth and several bloomed well on first year plantings. Many were putting on a fine autumn show in October of '92.

A few of the many irises which made a lasting impression were those listed in the following paragraphs.

CHRISTMAS (Gatty) was awesome with near complete white flowers with that pleated, ruffled form that looked almost like porcelain. CHRISTMAS bloomed in all the tour gardens and looked great in every one of them. PEACE AND HARMONY (Ghio) certainly lived up to its preintroductory billing. The bubble ruffled violet flowers were displayed on beautifully branched stalks. APLOMB (Ghio) also looked very good in several gardens. Its deep mulberry plum, ruffled flowers with bright red beards came through the hard Texas spring rains in great shape.

BUBBLING ANGELS (Burseen) was a wonderfully ruffled pure white with everything a modern iris needs. It's one of the finest white irises to be released recently. RUTH BLACK (Black) stopped the visitors in their tracks with blended salmon and rose mauve flowers with red-orange beards. OLD BLUE EYES, (Tompkins) with deep clear blue flowers, looked fine in a first year clump.

These were but a few of the fine irises seen in the Clark Garden this past spring. This garden contains the second largest planting of official guest irises for the convention. Come see it; you will delight in walking through this picture wonderland.

THE DUNCANVILLE GARDEN

Keith Smith (Texas)

The Duncanville Garden was looking good as the fall of 1992 came along. There were eight tall bearded and one Louisiana iris in bloom. The garden is located on park land next to the Duncanville Municipal Center. The city is presently developing the park property. It was previously a military installation; therefore, the trees and shrubs are still young but nicely planned. The garden is laid out in three circles with inner rings and three spokes for walkways. The irises are placed three feet apart and alternating from side to side within each plot.

Markers will be both in front and back of each iris so that the irises can be easily identified from either side.

This garden has been a labor of love for the Fort Worth Iris Society, but it also has involved some frustrations. The site is very, very flat, and with all the rain, it was very wet for all of last winter and spring. The soil is a black clay and very hard to work when it is the least bit moist. It was late spring before a drainage system could be placed in the garden. This was a very scary situation, but all has turned out well. The irises survived and are thriving. A beautiful garden is anticipated with a total of more than 700 different cultivars.

The tour to Duncanville will start with the attendees being divided into two groups. The first half will travel to Duncanville in the morning and will stop at Tom Burseen's garden. The other half will tour the Fort Worth Botanic Garden in the morning. After lunch, the two groups will exchange gardens for the afternoon tours.

THE GREENKNOLL GARDEN OF GORDON GREEN

Gordon Green (Texas)

The Green Garden, Greenknoll, is located in a rural area four miles from the sleepy little town of Bonham, Texas. Bonham is in northeast Texas, approximately one hundred miles from Fort Worth and ten miles from the Oklahoma line. Bonham is considered to be a part of the Red River Valley. It is famous for the Sam Rayburn House Museum, Sam Rayburn Library, and the Sam Rayburn Memorial Veterans' Center. Pauline and Gordon Green are both employed at the Sam Rayburn Memorial Center.

The Greens have lived at Greenknoll for twenty years. Greenknoll is seven acres of naturally landscaped gardens with many native oaks, elms, and cedars, some of which are 100 years old. Gordon has tried to incorporate as many native plants and flowers as possible to add to the beauty of the already existing flora.

The convention iris garden is the most formal part of the gardens. It has over one thousand guest cultivars in twelve beds surrounded by beautiful old oak trees. Part of Gordon's own median collection is growing at the edge of the oaks.

Gordon saved several hundred of his favorites and newer irises from the area where the convention garden is planted. These were relocated and a new garden started behind the guest iris garden. Various locations in the garden include a wild flower garden, perennial/annual border garden, a rose garden with antique varieties, a daylily garden, azalea beds, and a shade garden.

If mother nature cooperates, the conventioners should have a wonderful visit to Greenknoll. Pauline and Gordon are certainly looking forward to the visit.

FORT WORTH BOTANIC GARDEN

Rilla M. Hickerson (Oklahoma)

What a thrill it is to visit a large garden the year before the national convention! At the Fort Worth Botanic Garden, we made three short visits—one on Friday evening, then Saturday morning and Sunday morning. It would have been great to be able to stay a week and visit every day.

As soon as one leaves the buses, the irises can be seen. After viewing several beds, one reaches steps leading up to raised beds. They are in a circle around a covered rest area. Many bearded irises were in bloom, and a big bed of spurias was in full bloom. The Siberians should be beautiful in 1993 since they were making nice big clumps. Down from the raised beds was a bed of Louisiana irises. Around to another side was a big bed of bearded irises. In this plot are many novelty irises. Some of these were the best spooned and flounced irises I've ever seen.

Guest irises planted at the Botanical Garden number 1070. The convention guests will visit this garden once each day during the tours. Since it is a public garden, it is open each day for public viewing. A Japanese garden is directly adjacent to the parking lot near the iris planting. A rose garden is nearby, and the Garden Center has an interesting tropical plant display. The annual Flowercade Show will be held at the Garden Center the same week as the AIS Convention.

The following paragraphs list some of the irises which impressed me, and I hope to see them again in 1993.

Bearded Iris Seedlings

Y882-1	Schreiners—black with 9 to 10 buds.
88-28	Stahly—unusual red purple
S29-1	Gatty—standards blue, falls white
86-18B	Keppel—luminata, purple edged white
J-85-2-3	McWhirter—white, blue tipped beards
3319-1	Innerst—deep purple
B1P-88-D- 5	Powell—light blue, good branching
D-86- 40	Durrance—smoky pink orchid, good branching and bud count
85-60A	Keppel—standards salmon pink, falls white edged salmon, good branching and bud count.

Named Varieties

Bearded irises: CHAPTER (BB); HALO IN CREAM; PERSIMMON PARASOL; HORATIO; RED ROOSTER (BB); LARRY GAULTER; SUNBONNET SUE (MTB); ACOMA; BUTTERED BISCUIT; CYCLES; APLOMB; CRAZY HORSE; HOT SPICE (IB); UNFORGETTABLE FIRE; DAVY JONES; TITAN'S HORNS. **Beardless irises:** SPURIA: TOUCH OF LACE; SONORAN SUNSET; CHOCOLATE FUDGE; MISSOURI RIVER; LIGHTED SIGNAL; COBALT MESA. LOUISIANAS: WINTER ENCORE; VODOO MUSIC; SOUTHERN DRAWL; FAIT ACCOMPLI.

Now let's all gather in Fort Worth in 1993.

HARDER AND WILHOIT BECOME DIRECTORS

MELODY WILHOIT

I was born in Edgar County, Illinois, on July 14, 1947, and have lived in this farming community all of my life. I have a brother and a sister, and my mother still lives in my home place which is on the black, fertile prairie. My dad died in 1990. In 1967, after attending two years as a music major at Eastern Illinois University, I married Jerry Wilhoit. We just celebrated our 25th wedding anniversary on Sept. 30, 1992. Jerry is a graduate of the University of Illinois with a B.S. degree in Civil Engineering. He has worked for the Illinois Department of Transportation for over 25 years. We have two sons, Justin, a sophomore at Indiana State University, and Jason, a senior at Kansas High School. Both are AIS members and have attended four national AIS Conventions. Justin helps out in my small mail-order business by handling all of my wholesale orders.

Jerry and I bought 20 acres of land south-east of Kansas, Illinois, in the Pleasant Hill area where we built a home from scratch doing everything but the dry-wall and carpet laying. Landscaping our acreage is how we got into growing irises. Jerry's mother has grown irises (named varieties) since the 1940's, and she got us started with a few to landscape along our driveway. Jerry's interest in irises had been somewhat minimal until I twisted his arm to attend the Huntsville AIS Convention. Since then he has been hooked. Grace Brown became my friend through Home Extension and urged me to join AIS so I could become a member of the robin she directed. In the late 60's we visited Illini Iris Garden (Steve Varner), and he signed me up for a 3-year membership in AIS.

In 1980 I started my small mail-order business, Redbud Lane Iris Garden. This small business grows every year and now requires almost year-round care. We grow all types of irises from the miniatures to the Japanese. Our Louisiana collection is one of the largest in the midwest.

I have held many offices in local iris societies, served as President of the Louisiana Iris Society of America, and served as RVP in Region 9 (Illinois). I give many programs on irises and do several judges' training sessions with the help of my husband Jerry.

Some of my other interests are quilting, reading, bird watching and nature walking.

The best part of my small iris business and my iris travels has been the nice people I have been in contact with. Many have become some of my closest and dearest friends.

LARRY L. HARDER

Larry has been active in The American Iris Society since he joined in 1959. He first served as Editor of the Region 21 bulletin for 7 years. Encouraged to be active in the affairs of The American Iris Society by Mrs. Ethel Ricker, a long time member of AIS and the first RVP of Region 21 when it was formed in 1950, he served as RVP for the period of 1963-1965. Over the years, he served on many different committees of AIS, including being Youth Chairman when it was first

started. He was in the original Youth Robin under the directorship of Mrs. Iris Smith of Oklahoma. Other members of the robin included Keith Keppel, Joe Ghio, Phil Edinger, Ken Kidd and the old man of the group, Glenn Corlew. Larry was asked to be the Chairman of the AIS Historical Committee when Helen McCaughey, the AIS Historian, asked to be relieved of the position. This was in 1976, and he has been serving in this position since that time. Larry has been a long time attendee at national conventions, not having missed any since he started in 1962 at the Kansas City convention.

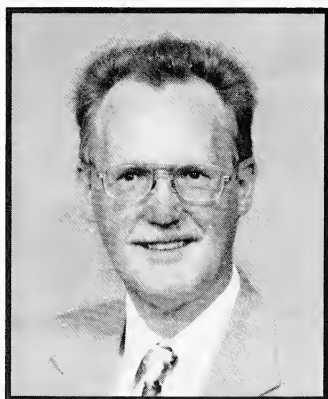
Larry is a life member of AIS, as well as most all of the speciality iris societies. He currently is serving on the Board of the American Hosta Society and is their national slide chairman, and he also is serving on the Board of the American Hemerocallis Society and is their Historian.

He is also active in many local plant groups. He has served as President of the Ponca Garden Club since it was formed in 1971. He is currently serving as the Vice President of the Elkhorn Valley Iris Society and a member of the Siouxland Iris Society. He is on the Board of Directors of the Ponca Historical Society and serves on the Board of the Ponca Public Library.

He started the Nebraska Daylily Society (a state-wide association) and has served as its first President for a period of three years. He has been a speaker on the various plants that he grows for various groups across the country and often has been asked to give various Judges Training schools for various groups and regions of AIS.

Larry retired October 1 from his job with the Federal Government. He was with the Farmers Home Administration for 31 years. He now will be devoting all of his time to his garden, Maple Tree Garden.

NEW DIRECTORS



Larry Harder



Melody Wilhoit

The American Iris Society

Judges 1993

The letter preceding the judge's name designates the type of judge;
(A)—Apprentice; (G)—Fully Accredited; (AM)—Active Master; (RM)—Retired Master; and (E)—Emeritus. An asterisk (*) denotes the region's RVP.

REGION 1

A Ruth Bennett
G John H. Burton, II
G Lucy G. Burton
G L. L. Doucette
G Mrs. L. L. Doucette
G Chandler Fulton
G Elaine Fulton
AM Frederick W. Gadd
AM Mrs. Frederick W. Gadd
A Ada Godfrey
RM John E. Goett
G Connie M. Hall
G Dr. Warren C. Hazelton
G Mrs. Warren C. Hazelton
G Richard K. Kiyomoto
AM Walter Kotyk
G Lynn F. Markham
AM F. J. McAliee
AM Mrs. F. J. McAliee
E Dr. Currier McEwen
RM Bernard W. McLaughlin
RM Marilyn R. Noyes Mollicone
AM Russell B. Moors
AM Mrs. Russell B. Moors
G David Nitka
AM Mrs. Maurice B. Pope, Jr.
G Mrs. Keith Roberts
RM Clayton H. Sacks
G Robert H. Sawyer
G* Mrs. David Schmieder
AM Marian H. Schmuhl
RM Mrs. Carl G. Schulz
AM Robert Sobek
AM Shirley A. Varmette
AM Kenneth M. Waite
AM Mrs. Kenneth M. Waite
E Mrs. F. W. Warburton
RM James R. Welch
G Deborah Wheeler
G Edward W. White
G John W. White
G Rebecca K. Wong
G Peter J. Young

REGION 2

G David Baehre
AM James G. Burke
G Mrs. James G. Burke
A Kathleen Colburn
A Francis Edmondson
G Maria Gerbracht
AM James Gristwood
AM Lillian Gristwood

G Kathleen Guest
RM Jane I. Hall
G Carl M. O'Shea
E William H. Peck
G Frances M. Regan
G Wendy K. Roller
G Dr. Carolyn Schaffner
AM G. M. Schifferli
G Helen Schueler
G* John Schueler
AM Mrs. Granger S. Smith
RM Alfred T. Wirz

REGION 3

G Walter C. Betzold
AM W. H. Clough
A Charles Conklin
G George W. Gerhardt
G Harold L. Griffie
E William T. Hirsch
AM Sterling U. Innerst
G Theresa Jewell
AM Mrs. Grant Kegerise
AM Mrs. R. P. Kegerise
G Jason A. Leader
G Patricia A. Leader
G Ellwood Maltman
G Mrs. Arthur F. Martin
A Geraldine McFarland
A Robert M. McFarland
AM Mrs. Stephan Molchan
G Bettie Nutter
G Donald E. Nutter
G June Roop
AM Paul R. Smith
AM Ophelia F. Straw
G Elizabeth Unruh
G* Larry Westfall
G James H. Wilson
A Joan R. Wood

REGION 4

AM B. J. Brown
AM Mrs. B. J. Brown
G Mrs. David Cline
G Mrs. Keith K. Cooper
RM Mrs. Charles M. Cox
G Libby A. Cross
A S. Herman Dennis III
G Mrs. Joseph P. Dufresne
AM* Dr. E. Roy Epperson
A Gloria Fairhead
RM Mrs. Miles P. Farrar
AM Mrs. Frank H. J. Figge

G Ruth Filsinger
 G Mrs. Glenn Grigg, Jr.
 AM Charles L. Hare
 AM Mrs. Charles L. Hare
 RM Maynard E. Harp
 G Walter Hoover
 G Mrs. Paul D. Kabler
 AM Mrs. Troy Kariker
 G M. B. Lowe
 G Mrs. M. B. Lowe
 G Clarence E. Mahan
 A Dave L. Merrill
 RM Mrs. Fred M. Miller
 G Diana Nicholls
 A Phil W. Ogilive
 RM Dr. Joseph B. Parker, Jr.
 AM Polly K. Price
 G Caryll Randall
 G Richard Randall
 G Dr. A. W. Rice
 AM Mrs. A. W. Rice
 A Joan Roberts
 A Ken Roberts
 G Daniel Schlanger
 AM Richard Sparling
 G James D. Stadler
 G Mrs. Richard D. Steele
 AM F. G. Stephenson
 A Dennis Stoneburner
 G Mrs. James H. Trent
 G Ruth E. Walker
 RM David G. Walsh
 G Mrs. Andrew C. Warner
 AM Dennis A. Wilkie
 E Dr. Lloyd Zurbrigg

REGION 5

A Patricia Brooks
 G Alma Burgamy
 AM Mrs. Wells E. Burton
 RM Mrs. C. C. Chapman
 G Mrs. John S. Gaines
 G Gwen Godwin
 G T. M. Godwin
 G Carolyn R. Hawkins
 G Nina R. Hawkins
 G* Mrs. Arvid Honkanen
 G Sara T. Hood
 AM Cassie E. James
 G James L. Jeffcoat
 G Peggy B. Jeffcoat
 G Andrea M. Johnson
 AM Mrs. Frank L. Johnson
 A Maggie Johnson
 RM Grady Kennedy
 RM Mrs. Grady Kennedy
 G Mrs. A. J. Kirby
 A Billy J. Langston
 G Rev. Everette L. Lineberger
 AM David Mohr
 RM Dr. H. C. Mohr
 G Mrs. Edward L. Paquet
 AM Jean Quick
 G Wayne C. Smith, Jr.
 G Mrs. Wayne C. Smith, Jr.
 AM Mrs. R. G. Stockton

G Robert L. Terpening
 G Mrs. Robert L. Terpening
 AM Harry Turner
 G Joe Scott Watson
 AM Mrs. A. D. Wilder
 G Fredericka R. Wilson
 G John W. Wood
 AM C. E. Yearwood

REGION 6

G Robert A. Bauer
 G Otho Boone
 G Mrs. Otho Boone
 G Russell Bruno
 G Mrs. Russell Bruno
 G Ruby A. Clark
 G Ann A. Cline
 G John A. Coble
 AM Mrs. Harold E. Cooper
 AM James A. Copeland
 AM Jill Copeland
 G Sue Copeland
 A Frank Crawford
 G Arthur B. Cronin
 G Mrs. Albert DeHaan
 AM Lee Eberhardt
 G Alice Eich
 G Rolla Eich
 G Richard B. Ferris
 RM Mrs. Albert Fillmore
 AM James J. Foreman
 AM Emma Hobbs
 G R. M. Hollingworth
 G Wilford James
 G Rae J. Johnson
 G Carl Leisure
 G Shelley Lynn
 AM Robert A. Mallory
 G Virginia Maynard
 A Keith McNames
 AM Lynda Miller
 AM Roger Miller
 G Mrs. Ronald F. Miller
 G Kathy J. Moore
 AM Mrs. Robert E. Moore
 G Angela Morgan
 G Carol Morgan
 G Paul Morgan
 G Marilyn N. O. Nelson
 G Jack E. Norrick
 G Mrs. Jack E. Norrick
 AM C. D. Overholser
 AM Mrs. C. D. Overholser
 RM Mrs. D. Olen Rawdon
 AM Pauline Reindl
 AM Mrs. William T. Rhodes
 G Bruce Richards
 RM John D. Rusk, Jr.
 AM Mrs. Harold Slessman
 RM Dr. Raymond G. Smith
 AM Mrs. C. E. Soules
 E Dr. Harold Stahly
 G Mrs. Robert Stallcop
 G Marjorie Starkey
 AM Fred L. Taylor
 RM Raymond Thomas

AM Eugene D. Tremmel
 G Mrs. Norbert B. Vaught
 G Joan H. Verwilt
 AM Anthony Willott
 AM* Mrs. Anthony Willott
 G Doris Winton
 G Debby Zook

REGION 7

AM Rodney A. Adams
 A Julie Allen
 A Gwen Baggett
 G Sue Ann Barnes
 G James M. Bingham
 AM Mrs. Charles Bless
 AM Mrs. Stanley Boren
 G Eleanor M. Boyson
 RM Franklin P. Brewer
 G Mrs. Edward T. Browne, Jr.
 G James R. Browne
 G Larry R. Browning
 G Mrs. Larry R. Browning
 G Catherine Church
 G Eugene Church
 G J. R. Collins
 G Mrs. J. R. Collins
 G Robert H. Cosby, Jr.
 AM Hilda Crick
 AM Albert C. Dierckes
 G Mrs. Albert C. Dierckes
 RM Dr. Frank B. Galyon
 G Jerry D. Gifford
 RM Mrs. Edgar Green
 AM Mrs. Lawrence E. Hall
 RM Lois Hill
 A Virginia Hill
 G Mrs. Henry Hudson, Jr.
 AM Doyle B. Inman
 G Mrs. Lee A. Irwin
 AM Glenna Johnson
 AM Lucy Carrington Jones
 AM* Mrs. Donald R. King
 G Thelma Lamb
 G Trudy N. Lowe
 AM Mrs. M. A. Luna
 G Alice Middleton
 G Dr. Doris Middleton
 AM Raymond N. Miller
 E Mrs. Raymond N. Miller
 G Jerry Phillips
 G Mrs. Jerry Phillips
 G June F. Richards
 A W. F. Reinke
 A Mrs. W. F. Reinke
 G Gary Sides
 AM George Slade
 G Mrs. George Slade
 G Willa Swack
 RM Mrs. Frank Tyree
 G Maynard D. Vanhorn
 G Mrs. Maynard D. Vanhorn
 AM William W. Vines
 RM Robert C. Walsh
 RM Mrs. Robert C. Walsh
 AM Mrs. W. C. Wilder
 G Betty Wilkerson

AM Phillip A. Williams

REGION 8

AM Mrs. Peter Baukus
 AM Melvin Bausch
 AM Mrs. Melvin Bausch
 RM A. G. Blodgett
 RM Mrs. A. G. Blodgett
 G Janice M. Broich
 G Howard Brookins
 G Joan Cooper
 G Mrs. R. W. Dalgaard
 G Dr. Reuben David
 G W. E. Doehne
 G M. Lynne Fell
 G* Dr. Norman Frisch
 G Mrs. Dwayne Giefer
 G Mrs. David Hempel
 RM Frederick C. Jahnke
 G Tracy Jennings
 A Cindy Johnson
 AM Evelyn D. Johnson
 AM Royal O. Johnson
 A Scott Johnson
 G Edwin W. Kelsey
 AM Dr. Donald Koza
 RM Alice Foss Kronebusch
 AM W. A. Machulak
 AM Mrs. W. A. Machulak
 AM Lavone R. Ney
 AM Clarence H. Protzmann
 G Glenn Radtke
 G Victoria Sibell
 E Wilbert G. Sindt
 AM Mrs. Wilbert G. Sindt
 RM Mildred Stover
 A Daniel Thrumman
 A Jean M. Vaughn
 AM Julius Wadekamper
 G Jack Worel

REGION 9

AM Donovan Albers
 G Margaret G. Bensen
 RM Marilyn Redenbo Beyes
 G Francis Brenner
 G Brian J. Clough
 G Orville Dickhaut
 G Mrs. Orville Dickhaut
 AM Marge Hagberg
 RM Karl F. Jensen
 RM Mrs. Karl F. Jensen
 A Beverly Johnson
 A Roy B. Johnson
 AM Rita Kinsella
 G Susan Kinsella
 G John R. Knaus
 G Julia Kupstis
 G Mrs. Ronald J. Meyer
 A Nancy Pilipuf
 G George S. Poole
 AM Marvin A. Shoup
 AM* C. J. Simon
 G Mrs. C. J. Simon
 G Cathy Simon
 G Nancy Simon

G Leslie Jean Smith
 G Sylvia W. Smith
 RM Florence E. Stout
 AM John M. Thompson
 AM D. Steve Varner
 G Jerry Wilhoit
 G Melody Wilhoit

REGION 10

AM Aline Arceneaux
 E C. W. Arney, Jr.
 AM Mrs. C. W. Arney, Jr.
 A Elaine Bourque
 E Mrs. Walter Colquitt
 G Mrs. James J. Deegan
 A Sandy Duhon
 G* Albert W. Ernst
 G Charles J. Fritchie
 AM Marvin A. Granger
 A Dorman Haymon
 AM Mrs. Erwin Jordan
 AM Dr. Bernard H. McSparrin
 E Joseph K. Mertzweiller
 AM Mrs. Ira S. Nelson
 G Ed Osteimer
 G Mrs. Hubert Rena

REGION 11

AM Eileen Allison
 G Ken Baier
 G Rose Mary Baier
 G Donna Bowers
 G Jerry C. Bowers
 RM Donald Chadd
 G Ronald A. Dunn
 G R. W. Gray
 G Mrs. R. W. Gray
 AM Robert L. Jensen
 AM Mrs. Alfred Kramer
 A* Carryl Meyer
 G Bonnie Smith
 AM Mrs. Lowell A. Storm
 G Alveta Symes
 RM Mrs. W. R. Walters

REGION 12

AM Hyram L. Ames
 AM D. C. Anderson
 RM Mrs. Townley Brian
 G Randy D. Brown
 AM Mrs. David E. Burton
 AM* Mrs. Willard Done
 AM Charlotte T. Easter
 A Clay Hamblen
 A Delbert Johnson
 A B. Brad Kasperek
 AM Mildred Osguthorpe
 G Suzanne Parry
 G Cathy Reed
 G Robert W. Reeder
 G Paul J. Smith
 AM Herbert J. Spence
 AM Mrs. Merlin Tams
 G Deray Taylor
 G Candy Rene Thomas
 AM Keith H. Wagstaff
 G Jeffrey L. Walters

REGION 13

G Ellen Abrego
 G Thomas Abrego
 AM Patricia Adams
 G Barbara Aitken
 G Terry Aitken
 G Irene Blanch
 AM Donald J. Boen
 G Carole Breedlove
 G Dr. Alan D. Brooks
 E Mrs. Tom M. Brown
 A Caroline Burke
 A Robert Bruland
 A Mrs. Robert Bruland
 G Paula Budinger
 AM Eunice Jean Cass
 RM Merle Daling
 RM B. Leroy Davidson
 G Mrs. Joe Del Judge
 G Joanne Mentz Derr
 G Alan Fort
 G K. Fort
 G* Lyle Fort
 G Mrs. Lyle Fort
 G Debra Gillespie
 G Doris K. Hale
 G Eldon J. Hale
 AM Paul Harms
 G Chad Harris
 G Fran Hawk
 A Paul Ikeda
 G Ruth E. Jackson
 E Bennett C. Jones
 AM Evelyn V. Jones
 RM Dr. Frederick R. Judy
 G Charlotte Keasey
 AM George F. Lankow
 RM Evelyn R. Lemire
 G Mrs. Ted Lind
 G John W. Ludi
 A Clyde Mead
 A Johnnie Mead
 AM Duane E. Meek
 AM Joyce Meek
 RM Austin Morgan
 G Mrs. William E. Moritz
 AM Roger R. Nelson
 G Frank H. Nickell
 AM Warren E. Noyes
 AM Mercedes Olsen
 RM Mrs. Herbert M. Parker
 AM Donald L. Peterson
 RM Fern E. Pilley
 AM Lorena M. Reid
 AM Gerald L. Richardson
 AM Jayne Ritchie
 G David Schreiner
 G Ray Schreiner
 E Robert Schreiner
 AM Doris E. Shinn
 E George A. Shoop
 G Roberta Shoop
 AM David Silverberg
 RM Mrs. S. M. Sisley
 RM Robert F. Smiley

G Marky D. Smith
 RM Mrs. William F. Snell
 E Melvina Suiter
 RM Chet W. Tompkins
 RM Mrs. Lewis Trout
 E Jean G. Witt

REGION 14

RM Mrs. William Anning
 A Mike Bernard
 AM Carl H. Boswell
 AM Mrs. Carl H. Boswell
 AM Robert Brown
 G Stanley R. Cherniss
 G Stanley Coates
 AM Mrs. Jack H. Cochran
 AM Mrs. Mark Condo
 AM Glenn F. Corlew
 RM Mrs. John Coscarelly
 G Larry R. Cowdery
 G Walter Dean
 E Sidney P. Dubose
 AM Mrs. Robert L. Dunn
 G Mrs. Gustav R. Erickson
 G John Garner
 G Besse Garner
 AM Joseph J. Ghio
 RM Jim M. Gibson
 E Ben R. Hager
 RM Mrs. Robert E. Haley
 G Gigi Hall
 AM Marilyn R. Harlow
 AM Mrs. Eugene A. Harris
 G Merry L. Haveman
 AM Evelyn Hayes
 AM Marilyn Holloway
 G Michael O. Howard
 G Berkeley Hunt
 G Barry Ivens
 G Daniel Johnson
 RM George W. Johnson
 G J. Nelson Jones
 E Keith Keppel
 G Frederick J. Kerr
 AM Virginia Keyser
 G Richard Lauer
 G Kitty Loberg
 A John D. Marchant
 G William R. Maryott
 G Ed Matheny III
 AM Hal Mattos
 AM Mrs. Paul Maxim
 AM James P. McWhirter
 G Le Roy Meininger
 AM Mrs. William Messick
 G Jean Near
 AM Mrs. R. Nelson Nicholson
 RM Roy L. Oliphant
 AM Capt. M. C. Osborne
 G Cloudia Owen
 G William T. Owen
 G Fred C. Parvin
 AM Lucile Ray
 G Colin Rigby
 G Alan D. Robbins

RM Mrs. Arthur L. Romer
 E W. F. Scott, Jr.
 G Mrs. James Shelton
 G George H. Sutton
 G Margaret Sutton
 G Richard A. Tasco
 AM Mrs. Sven I. Thoolen
 G Mrs. Arnold S. Todd
 G Carole Vossen
 AM Mrs. W. G. Waters
 AM Dr. John Weiler
 AM Edith P. Wheeler
 G Barbara Whitely
 G James Whitely
 AM* Bryce Williamson
 AM Vernon Wood

REGION 15

E Dr. Ray C. Allen
 AM Polly Anderson
 AM William E. Barr
 AM Mrs. William E. Barr
 G Irene Benton
 AM Bob Brooks
 G Mary Bruner
 RM Mrs. Walter Bunker
 RM Mrs. N. R. Carrington
 G Hazel Carson
 G Mrs. Richard W. Cherry
 AM Janice Chesnik
 G J. C. Conklin
 AM Ralph Conrad
 G Mrs. Ralph Conrad
 G Olen Joe Daugherty
 G Vicki Day
 AM Mrs. Donald Dopke
 AM Mrs. Leroy Duvall
 AM Duncan Eader
 G Charlene Errigo
 RM Doris Foster
 AM Mrs. Harry B. Frey
 RM Ruth Goodrick
 RM Mrs. Bernard Hamner
 G Dr. Herbert C. Holk
 G Mrs. Herbert C. Holk
 RM Charles R. Hopson
 G Debbie Humphreys
 RM Genevieve H. Jasper
 G James H. Jones
 G Ardi Kary
 G Dr. Ray Kary
 AM Eleanor McCown
 G Peggy McCroskey
 G Vern McCroskey
 G Lynn McLwain
 G Mrs. David Mogil
 G Kenneth Mohr
 AM Dr. Edward Murray
 RM Mrs. Paul Newman
 E Mrs. Edward Owen
 G Jeanne Plank
 G James Puckett
 RM Dorothy M. Riddler
 G Bill Rinehart
 AM Beulah Robinson

G D. L. Shepard
 G* Mrs. D. L. Shepard
 G Caroline Sutherland
 AM Mrs. J. E. Tearington
 A Jane Troutman
 RM Mrs. J. W. Turner
 E Marion R. Walker
 G Jack Weber
 G John Wight

REGION 16

A Catherine Boyko
 G Harold R. Crawford
 G Mrs. Donald M. Fenner
 AM Donald V. Fritshaw
 AM Verna Laurin
 G Daniel P. McMillen
 G* Gloria McMillen
 G James McMillen
 G John McMillen

REGION 17

G Dana Brown
 AM Mrs. Lawrence Burt
 E Marie Caillet
 A J. Farron Campbell
 AM Valera V. Chenoweth
 G Dorothy D. Coker
 RM Dr. Jesse W. Collier
 G Billie G. Corbell
 AM Jim D. Coward
 AM Luella Danielson
 RM Susie Davis
 RM Mrs. Martin Dean
 G Wanda Gaines Dow
 G Judith Earp
 G Mrs. Curtis B. Evans
 A Dana Glaser
 AM Mrs. Doyle Gray
 G* Gordon Green
 AM Hazel M. Haik
 AM Mrs. Finley Herrington
 G Mrs. Therell J. Hodges
 AM Mrs. Charles A. Howard
 G Dr. Clyde Ikins
 G Jim Keefe
 G Sue Keefe
 AM Mrs. Vernon H. Keesee
 RM Mrs. Harley L. King
 G Frances Kurtz
 G Peggy Lamb
 RM W. D. Lee
 RM Mrs. W. M. McGrath
 E Mrs. J. Arthur Nelson
 A Carolyn Newman
 G Bonnie Nichols
 AM Hooker Nichols
 AM Mrs. Roy Nichols
 RM Mrs. M. W. Norton, Jr.
 E Mrs. Stayton Nunn
 G Joella R. Olson
 RM William K. Patton
 RM Mrs. W. W. Popejoy
 G Mrs. W. B. Powell
 RM Sam Reece
 E Mrs. C. C. Rockwell, Jr.

G Patsy L. Rosen
 AM Capt. Otis R. Skinner, Jr.
 AM Mrs. Otis R. Skinner
 G Keith Smith
 RM Frank L. Stephens
 G Debra Strauss
 G Ellen Sullivan
 RM Mrs. A. M. Tallmon
 RM Mrs. John Wade
 G Mary Wilber
 AM Mrs. N. W. Williams
 E Leon C. Wolford
 AM Mrs. Leon C. Wolford

REGION 18

G Donna Aldridge
 G Mrs. L. E. Anderson
 A Alvin Apscher
 A Patricia Ardissonne
 A Jan Bates
 AM Mrs. August Bellagamba
 RM Mrs. George A. Bender
 RM Clifford W. Benson
 G Patricia Bitzer
 G Vincent Bitzer
 AM Chester Blaylock
 G Mrs. Chester Blaylock
 G Roy Bohrer
 G Mrs. Roy Bohrer
 RM Mrs. Leo Boulanger
 G Harry J. Boyd
 G Mrs. Harry J. Boyd
 G Faye Carpenter
 G Louie Chestnut
 RM Mrs. James Lee Chism
 G Donald Delmez
 AM Dolores Denny
 G Marie C. Dienstbach
 G Ralph H. Dierkes
 G Mrs. Ralph Dierkes
 G Mrs. Edgar Dies
 AM Mrs. Julius Dutton
 AM Mrs. Floyd Dyer
 G Frances Evans
 G Keith Fillmore
 RM C. L. Fondoble
 AM James Fry
 AM Norman Gossling
 G Thomas Grim
 G Mike Hargrove
 G Jim Hedgecock
 AM Calvin H. Helsley
 RM Annabel Hennrich
 AM Rev. Robert R. Jeffries
 G Audrey Judy
 G Dan C. Judy
 G Joan Kellar
 AM Mrs. Edwin W. Knight
 G Betty Langston
 RM Anita O. Long
 G Mrs. Robert Mark
 RM M. J. McHugh
 AM Mrs. M. J. McHugh
 RM Mrs. Russell Morgan
 A Kevin J. Morley

AM James W. Morris
 G Mrs. James W. Morris
 G James Murrain
 AM O. D. Niswonger
 G Katherine Perry
 G Robert Pries
 G* Riley Probst
 G Mrs. Riley Probst
 E Mrs. Richard V. Ramsey
 AM James Rasmussen
 AM Helen E. Reynolds
 AM Mrs. Robert H. Robinson
 AM Elvan E. Roderick
 AM Mrs. Elvan E. Roderick
 G Anita Schmidt
 G Dale E. Smith
 G Mrs. Dale E. Smith
 G Steven P. Smith
 G Susan H. Smith
 G Von Smith
 G Mrs. Von Smith
 G Mrs. Herman Stedman
 G Stephen Stevens
 G Mrs. Stephen Stevens
 G Eric Tankesley-Clark
 G Robert Tankesley-Clark
 RM Elmer H. Tiemann
 G Annette J. Vincent
 G Dr. James W. Waddick
 G C. L. Walz
 RM George W. Warner
 A Patricia Williams
 G Mrs. Ben F. Winter
 G Annabelle Wiseman
 G Mary Wyss

REGION 19

AM Elizabeth Aulicky
 AM Raymond J. Blicharz
 AM Franklin Carr
 G Chun Fan
 A Joseph J. Griner
 G James P. Holmes
 AM Melvin Leavitt
 RM Mrs. Melvin Leavitt
 AM Dr. Norman H. Noe
 G Mrs. Norman H. Noe
 AM C. B. Reeves, Jr.
 G Mrs. C. B. Reeves, Jr.
 G Ellen Robertson
 G Raymond J. Rogers
 G George W. Sproul, Jr.
 G* Nancy Szmuriga
 E Elizabeth A. Wood

REGION 20

G Duane W. Daily
 G Kayellen R. Daily
 G Mrs. Richard E. Doty
 E Dr. Jack R. Durrance
 G R. M. Eacker
 A Mrs. R. M. Eacker
 AM Frank Foster
 G Catherine Long Gates
 G Dennis B. Gates

AM Joseph H. Hoage
 G Mrs. Morris James
 G Jenifer Jensen
 G Annje C. Jensen
 AM Dr. Carl Jorgensen
 G Jerilyn Knudtson
 A Jessica Knudtson
 G John Knudtson
 G Roy G. Krug
 E Harry B. Kuesel
 G Tim L. Kuesel
 E Everett Long
 AM Ray D. Lyons
 AM Thomas L. Magee
 G Suzanne McCarthy
 G Michael W. McCarthy
 G David G. Miller
 G* Michael Moller
 G Nina Moller
 G Patricia Morgan
 RM Mrs. Tolbert E. Murphy
 AM Mrs. Dwane Quinn
 G Jess V. Quintana
 G David E. Shannon
 RM Robert O. Sorensen
 RM E. E. Varnum
 G Verona Wiekhorst
 G Warren Wiekhorst

REGION 21

AM Mickey Anson
 G Ardeth J. Bailey
 A Garland Bare
 A Sally Bergei
 G Mrs. George Boardman
 G Marion Burleigh
 A Marie Cain
 AM C. T. (Chuck) Claussen
 AM Signey Claussen
 AM James L. Ennenga
 E Allan G. Ensminger
 G Mary Ferguson
 G Vincent Fox
 G Mrs. Vincent Fox
 RM Mrs. Arnold Freudenburg
 A Richard H. Freund
 AM Anne M. Gaddie
 AM Gene Gaddie
 RM Mrs. John A. Graff
 RM Hazel Grapes
 RM Dr. Marvin J. Hall
 AM Larry Harder
 RM Mrs. A. J. Harvey
 G Charles C. Hemmer
 G Mrs. Charles C. Hemmer
 G Michael C. Hemmer
 G Patrick R. Hemmer
 AM Lester Hildenbrandt
 RM Mrs. Leon N. Hockett
 G Jay Hummel
 G Jim Hummel
 G Vera Hummel
 G Marjorie Jansen
 G Mrs. Robert Jensen
 A Mary Jensen

G Dorothy M. Johnson
 G Elva Kailey
 G Eugene J. Kalkwarf
 G Richard Kohout
 A Glenn Knapp
 G Carolyn D. Lingenfelter
 AM Barbara Mapes
 G Harold Marshall
 G Mrs. Harold Marshall
 AM Evangeline Martindale
 AM* Roger P. Mazur
 A Celeste M. Micek
 G Kay Nelson
 AM Mrs. N. S. Pederson
 G Donald R. Peterson
 G Mrs. Donald R. Peterson
 E Richard T. Pettijohn
 G Calvin H. Reuter
 G Rev. Orval Roach
 G V. O. Sellers
 AM Kempton Settle
 AM Mrs. Kempton Settle
 AM Fred E. Spahn
 G Tim Stanek
 G Barrett Stoll
 G Lynn Stoll
 A Henry Wulf
 G Opal Wulf

REGION 22

RM Wiley Abshire
 RM M. B. Bartley
 AM Michael Birkholtz
 G Paul W. Black
 G Doris Boyles
 RM Mrs. Lester E. Brooks
 G Lavera Burkett
 RM Richard Butler
 G Dorothy I. Cantwell
 G Ray Cantwell
 G Louise Carson
 A Jon Marc Cliburn
 AM C. A. Cromwell
 A Tom W. Dillard
 AM Mrs. C. Wayne Drumm
 AM Perry Dyer
 RM Mrs. Dan Edelman
 AM Mrs. Howard Estes
 RM Mrs. R. L. Gilbert
 AM Fern Gildea
 G* Paul W. Gossett
 A Debbie Hassell
 A Tim Hassell
 AM James Hawley
 AM Mrs. Alva J. Hickerson
 A Nona Hoecker
 E Mrs. Robert C. Howard
 G Mrs. J. H. Jamieson
 G Helen Jones
 AM Dr. W. E. Jones
 AM Mrs. Charles E. Kenney
 G Bea Leach
 G Betty Lou McMartin
 AM Leonard J. Michel
 RM Richard E. Morgan

E Ronald Mullin
 AM Cleo Palmer
 E Perry L. Parrish
 RM Mrs. Harold G. Plato, Sr.
 RM Mrs. William M. Rhodes
 RM Arthur E. Rowe
 AM Henry C. Rowland
 G James W. Russell
 AM Joe Saia
 G Dale D. Satterwhite
 AM Marthella Shoemaker
 G Mrs. Jack A. Simmons
 AM Richard J. Sloan
 G Aline Smith
 G Fred J. Smith
 G Robertson V. Smith
 AM Susie Smith
 RM Mrs. Cyrus Stanley
 AM L. D. Stayer
 AM Mrs. L. D. Stayer
 G Philip Stonecipher
 G Mrs. Philip Stonecipher
 G Inez Tunon
 G Dana Wade
 A Mary P. Watson
 A Mrs. Gerald G. Williams
 G Mrs. John H. Williams
 RM Alton C. Zimmerman
 RM Mrs. Alton C. Zimmerman

REGION 23

A Janet Bench
 G Karen Bergamo
 G W. A. Brown
 AM Mrs. Milton J. Clauser
 G Bill R. Coursey
 RM Mrs. George L. Doolittle
 G Maj. Philip S. Doonan
 G Mrs. Philip S. Doonan
 AM Irby A. Downey
 AM Mrs. Roger Figge
 G Wilma Freidline
 G Doug Goodnight
 RM Mrs. Earl Gould
 G David Ray Hooten
 A Leslie D. Jobe
 AM Margaret R. Johnson
 A Elda Keith
 AM Mrs. Douglas Latimer
 A Kurt Latimer
 AM Mrs. Bernard Lowenstein
 G Phylis A. Malec
 G Alma Maxwell
 RM J. E. McClintock
 A Peter McGrath
 G Cindy H. Myers
 G George A. Nickel
 G* Mrs. Therman C. Perkins
 AM Mrs. L. E. Roberts
 G Audrey C. Roe
 AM Howard Shockey
 AM Mrs. Howard Shockey
 RM Robert D. Steele
 RM Mrs. Robert D. Steele
 G Floyd Stopani

G Helen Stopani
 A Mary Ellen Tafoya
 AM Mrs. Walter C. White
 AM Mrs. James R. Yocum

REGION 24

AM Mrs. B. W. Brannum
 AM Betty Burch
 G Carol Burch
 AM James G. Burch
 RM B. Howard Camp
 RM Mrs. B. Howard Camp
 A Billy Campbell
 AM J. L. Christopher
 G Margaret Connally
 G Evelyn Davenport
 AM Marjorie W. Deaton
 G Jane C. Desmond
 RM Dr. L. E. Fraser
 AM* T. A. Gilliam
 G Clara Henderson
 RM Mrs. H. C. Hendricks
 G Dennis Holmes
 RM Mrs. Everett H. Hughes
 RM Mrs. Hugh Johnson
 RM Mrs. A. I. Kuykendall
 AM J. W. Kuykendall, Jr.
 AM Mrs. J. W. Kuykendall, Jr.
 AM Joe M. Langdon
 AM Mrs. Joe M. Langdon
 G Mrs. Jack H. Lucas
 AM Nan Elizabeth Miles
 AM Walter Moores

G Edith Mitchell Nevels
 AM Donald R. Saxton
 AM Mrs. Donald R. Saxton
 AM Sarah Scruggs
 RM Herbert L. Sherrod
 G Kristen Tidmore
 AM Mrs. R. P. Vanvalkenburgh

OVERSEAS

AUSTRALIA

M Mrs. N. E. H. Caldwell
 M Leslie L. Donnell
 M John O. Baldwin
 M Robert Raabe

BELGIUM

G Koen Engelen

ENGLAND

G C. E. C. (Cy) Bartlett
 E H. R. Jeffs
 M G. H. Preston
 M N. K. Scopes

FRANCE

G Jean Cayeux
 G Dr. Jean Segui

WEST GERMANY

G Rainer Zeh
 E Helen Vonstein-Zeppelin

ITALY

M Prof. Gian Luigi Sani

JAPAN

M Akira Horinaka

**PLANNING
 TO MOVE ?**



**DON'T FORGET
 TO NOTIFY THE
 MEMBERSHIP
 SECRETARY**

Marilyn Harlow
 P.O. Box 8455 San Jose, CA 95155-8455

ARRANGER'S CORNER

Carolyn Hawkins (Georgia)

Flower arranging is “designing with plant material” and the iris has long been one of the most majestic and beautiful flowers to use in designs. A design division is a perfect complement to the horticulture division in an iris flower show. In The American Iris Society there were 122 design divisions held in conjunction with approximately 185 flower shows in 1991. The interest in design is *active and growing!*

Flower arranging can be divided into two types: traditional and creative. A traditional design could be Oriental, European or American in origin. The Oriental designs are asymmetrical, use restraint with the amount of plant materials selected and places emphasis on line material that causes the eye to flow through the design.

European designs were typically mass arrangements and include Classical Greek, Italian Renaissance, Dutch and Flemish, French, Georgian and Victorian. The influence from all of these various styles formed the basis for American design beginning with the Colonial period up through the early 20th century.

Today, we have three styles that are traditional (or they could be creative). They are line, line-mass and mass. Creative designs will be discussed in future articles.

A line design is adapted from the Oriental influence and the emphasis is clearly on the linear pattern being dominant. There is much restraint in the amount of plant material used, sometimes only using 2 or 3 flowers, line material, and a small amount of foliage to hide mechanics and provide balance for the design. Irises lend themselves VERY WELL to this style because the form of the iris is open and clearly emphasized. The plant materials are placed in a traditional manner; that is, with the stems placed in a water source as they grow.

(See drawing one)

The line-mass design simply adds more materials to strengthen and enhance the line.

(See drawing two)

These two styles can be vertical, horizontal, left-sided, or right-sided and in almost every case one can see an imaginary triangle in the design.

People ask about how to begin a design. Assuming that one has a wonderful garden of irises to use, it is good to have available a collection of line material, dried and fresh. After determining the size of the space where the design will be placed, then the line can be chosen. Many things could be line: tree branches that are unusual, yucca foliage, iris foliage, dried branches of any number of plant materials, driftwood, curvy vines, and on and on. A container is the next step, and it must fit the space and be in scale to the plant material. The irises selected can be all of one color or a mix of color—but in a flower show where color is so important to the impact of the design, it is suggested that they be all the same color.

Mechanics are the needlepoint, oasis, or other method of stabilizing the arrangement in the container. A needlepoint holder (or a needlepoint in a cup) is a good choice for using irises in a line design as it is small and easy to camouflage.



**Drawing
One**

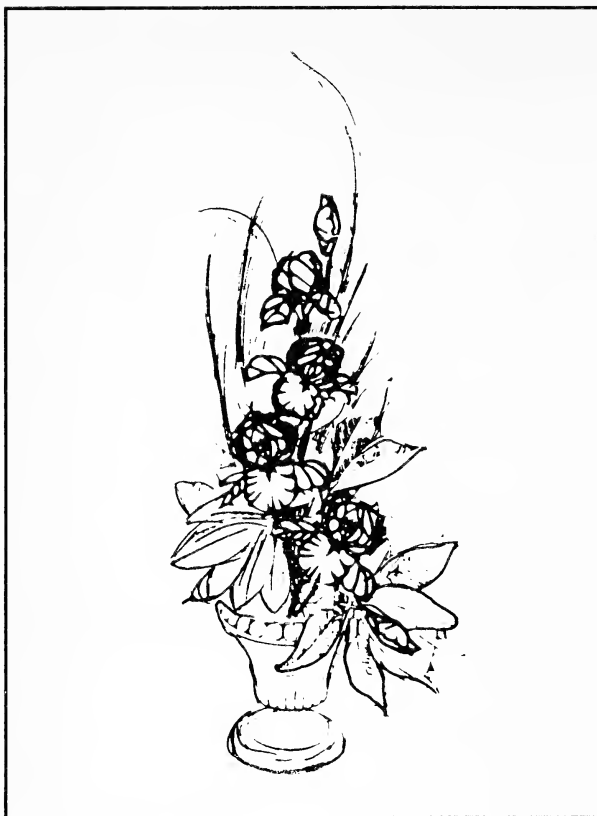
LINE: Restraint in the number of plant materials used allows the flow of the line (driftwood) to have more impact. Note the irises have no obstructions and the form of the flower is clearly viewed. This is a right-handed design using a low container.

Oasis is a good choice for a line-mass or mass design as it provides more room to anchor the plant material, and it can supply constant moisture. *ALWAYS* soak oasis before using it. Dry oasis blocks the cells in the plant stalk, and it can prohibit water intake. Mechanics should be hidden or inconspicuous so the choice of oasis, needlepoint, etc. should be considered carefully.

(See drawing three)

The height of the line selected should be roughly $1\frac{1}{2}$ to 2 times the height of the container OR, if the container is a low bowl, it is $\frac{1}{2}$ to 2 times the length of the container.

When arranging flowers for the home, the location is considered for size, height, etc. If preparing a design for a flower show, a good way to study the design



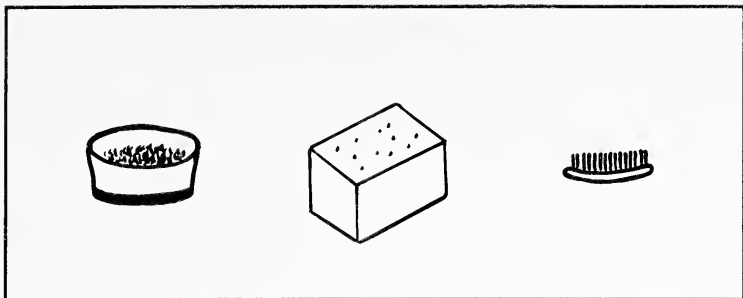
Drawing Two

LINE-MASS: This is a left-sided design incorporating additional foliage and flowers in an urn-type container.

is to put the design together a few days before the show and critique it every day, or have a friend look at it. The “mock” exhibit space should be similar to the size and height required in the show for a true “picture.”

Editor’s note: Carolyn invites questions and will incorporate answers in future articles. Contact her at 7329 Kendel Court, Jonesboro, GA 30236. Future articles will focus on the principles and elements of design, creative designs, staging ideas, schedule ideas, etc.

Drawing Three



MECHANICS: Needlepoint in cup, oasis, needlepoint (without cup).

THE JAPANESE IRIS DISPLAY GARDEN PROGRAM of The Society for Japanese Irises Claire Barr (California)

Japanese irises are gaining in popularity year by year as awareness of them grows. The primary objective of the Display Garden Program is to make available to irisarians, and to the general public, gardens where they may see well-grown Japanese irises. Judges in particular should find it advantageous to visit these gardens often and to see some of the newer varieties.

Some of the larger and already well-known gardens are hosts each year to many visitors; it is hoped that publication of the accompanying list will acquaint visitors with many more. Phone numbers and approximate dates for peak bloom are included in most instances.

Current guidelines for the garden owners include accurate labeling with the name or seedling number of the iris, the name of the hybridizer, the registration date, and possibly the acquisition date. Garden owners grow some of the newer introductions and add new ones from time to time. As a rule they have information for visitors about sources for purchasing plants.

It is strongly suggested that visitors to the display gardens phone ahead, especially if the trek involves any distance. Approximate dates for peak bloom are included in the accompanying listing; however, actual bloom seasons may vary greatly. For instance, the 1991 season was very early in the East and Mid-west, while in the Northwest it was very late. Performance can vary within the various regions, also, depending in part upon local weather conditions.

For further information, contact the chairman of the Japanese Iris Display Garden Program, Rich Randall, at 524 Windsor Gate Road, Virginia Beach, VA 23452.

JAPANESE IRIS DISPLAY GARDEN LIST

Region 1

1. Dr. and Mrs. Currier McEwen, Seaways Gardens, Route 1, Box 818, South Harpswell, ME 04079
(207) 833-5438 *July 7-21*
2. Mrs. Maurice B. Pope, Jr., 39 Highland Ave., Gorham, ME 04038 (207) 839-3054 *Mid-July*
3. John, Evelyn, and Ted White, Route 2, Box 980, Auburn, ME 04210 (Jackson Hill Road)
(207) 345-9532 *Late July*

Region 3

1. George C. Bush, 1739 Memory Lane Extd., York, PA 17402
(717) 755-0557 *Mid-June to Mid-July*
2. Mr. and Mrs. Sterling U. Innerst, 2700A Oakland Road, Dover, PA 17315 (717) 764-0281 *June 6-July 10*

Region 4

1. Dr. William Ackerman, 18621 Mink Hollow Road, (P.O. Box 120) Ashton, Md. 20861
(301) 774-7538 *Mid June*
2. Mr. and Mrs. Clarence Mahan, The Iris Pond, 7311 Churchill Road, McLean, VA 22101
(703) 893-8526 *June 1-July 7*
3. Mrs. Andrew C. Warner, 16815 Falls Road, Upperco, MD 21155 (301) 374-4788 *June 15-30*
4. Nicholls Gardens, Michael and Diana Nicholls, 4724 Angus Drive, Gainesville, VA 22065 (703) 754-9623
Late May to early July

Region 5

1. Mrs. Wells E. Burton, 3275 Miller Drive, Ladson, SC 29456 (803) 873-7388 *Mid-May to Mid June*

Region 6

1. Robert A. Bauer and John A. Coble, Ensata Gardens, 9823 E. Michigan Ave., Galesburg, MI 49053
(616) 665-7500 *June 25-July 15*
2. Mr. and Mrs. James A. Copeland, 34165 CR 652, Mattawan, MI 49071 (616) 668-2156
Last wk. of May-Peak 1st two wks. of July

3. Mrs. Ronald F. Miller, Old Douglas Perennials, 6065 Old Douglas Road, Kalamazoo, MI 49007
(616) 349-5934 *June 25-July 17*
4. James W. Shook, 3987 Lincoln Lake Road, Lowell, MI 49331
(616) 897-9169 *June 20-August 1*
5. Dr. Harold L. Stahly, 8343 Manchester Drive, Grand Blanc, MI 48439 (313) 694-7139 *Peak July 4*
6. Mrs. Robert Stallcop, Rt. 2, Box 676 Greencastle, IN 46135 (317) 672-8206 *June 10-15*

Region 7

1. Dr. and Mrs. Edward T. Browne, Jr., 486 St. Nick Drive, Memphis, TN 38117 *Peak 1st week in June*

Region 8

1. Howard Brookins, N75 W14257 North Point Drive, Menomonee Falls, WI 53051

Region 9

1. Jerry and Melody Wilhoit, Route 1, Box 141, Kansas, IL 61933 (217) 948-5478 *June 10-30*

Region 13

1. Terry and Barbara Aitken, Aitken's Salmon Creek Garden, 608 N.W. 119th Street, Vancouver, WA 98685
(206) 573-4472 *Month of June-Peak June 15*
2. Mrs. Lorena M. Reid, Laurie's Garden, 41886 McKenzie Hwy., Springfield, OR 97478
(503) 896-3756 *Last wk. of May-1st wk. of July*
3. Allan and Dorothy Rogers, Caprice Farm Nursery, 15425 S.W. Pleasant Hill Road, Sherwood, OR 97140
(503) 625-7241 *June 15-July 5*

Region 15

1. Lillian Champion, 12420 Seventh St., Yucaipa, CA 92399 (714) 797-9381 *May 5-July*

Region 18

1. Donna Aldridge, 7503 W. 54th Terrace, Overland Park, KS 66202 (913) 831-3990 *June*
2. Donald Delmez, 3240 Connecticut St., St. Charles, MO 63301 (314) 724-4274 *June 1-25*

Region 19

1. Presby Memorial Iris Gardens, 474 Upper Mountain Road, Upper Montclair, NJ 07043 (201) 783-5974 *July*

HOW TO READ A CATALOG

Marilyn Harlow (California)

One question which new members ask most frequently is "How do I decipher an iris catalog?". It may seem rather easy for those of us who have been reading iris catalogs for years, but look at a catalog with the eyes of a newcomer to irisdom and we may see those catalog descriptions with an entirely different light. We may also turn back the pages of time and remember when we, too, were novice irisarians and those catalogs were akin to reading Greek.

New enthusiasts need to be aware that iris catalogs should not be confused with other kinds of catalog shopping. It is not uncommon to place an order for catalog merchandise and some weeks later to find your names on catalogs you have never heard of before. We are all aware that some companies sell our name to other companies. Usually not so with iris growers. Most protect their mail order lists with great fervor, and rarely, if ever, sell them. AIS can and does provide mailing labels to individuals or companies whose endeavor is horticultural in nature. Therefore, you will not find your name on an AIS generated label for a shoe manufacturer or retailer, for instance. Do not despair, either, about AIS labels being sold. We actually sell almost nil during the course of a year. If you have not ordered irises by mail, you need to write to the commercial grower of your choice, following the instructions in his ad, and request a catalog. The largest accumulation of commercial iris garden ads may be found in the AIS Bulletin's Commercial Directory. Once you place an order, generally speaking, most commercial growers will keep you on their mailing list for at least two years. Catalogs are expensive to produce and print. Do not expect the grower to keep you on his mailing list if you do not order at least every other year.

New members are "turned on" to irises from a variety of sources. Two of the most popular sources are the inadvertent attending of an Iris Show or a chance visit to a garden at the appropriate bloom time. Magazine or newspaper stories are also good sources. While in the past several months some magazines have written about various types of irises, the newcomer will most likely know only about the tall bearded iris until his thirst for knowledge becomes more advanced. The first thing the beginner needs to know is that there are far more irises than just Tall Bearded. The standard abbreviations for irises used in catalogs are listed below:

AB: Arilbred; AR: Aril; TB: Tall Bearded; BB: Border Bearded; CA: Californica; IB: Intermediate Bearded; JA: Japanese; LA: Louisiana; MDB: Miniature Dwarf Bearded; MTB: Miniature Tall Bearded; SDB: Standard Dwarf Bearded; SIB: Siberian; SPU: Spuria; TB: Tall Bearded.

A little background may be helpful before you begin reading the catalogs. Typically then, from the beginning, after a hybridizer decides an iris he has made is worthy of registration, he selects a name (which must be approved by the AIS Registrar) and registers that name with The American Iris Society. The registration form requires the full description of the iris, which may include all or part of the following information: the type of iris, seedling number if any, height of the iris in inches, the season in which it blooms (Early, Mid-season, Late), color or colors of the iris as well as the color of the beard. Fragrance and amount of ruffling is

sometimes noted. "Registration" of an iris is different from "Introduction" of an iris. Registration means the iris has been registered with the AIS Registrar. Introduction means the iris has been offered for sale. The year of introduction may or may not be the same year as registration. In some cases, irises are registered but never introduced. Each year, the AIS Registrar produces a booklet called Registrations and Introductions (for those irises registered and introduced the previous year). These are available to anyone for a nominal amount. Every ten years, the AIS Registrar combines ten years of Registrations and Introductions into a hardbound book which is also available at a nominal amount. These decennial books have been published since 1929, and some are now out of print. The 1989 Check List, the most recent publication, is now available and encompasses all irises registered from 1980 through 1989. It is from these R and I booklets and decade books that catalog makers get the information they put into their catalogs each year. A listing in an iris catalog may or may not look similar to this:

VIRGINIA SQUIRE (L. Gaulter, R. 1971). Sdlg. 69-23. TB, 36" (91 cm), M. Deep blue-purple self; blue-purple beard. Bristol Gem X Style Master. Cooley's 1973.

DOCTOR JOE (N. Henderson, R. 1976). TB, 36" (91 cm), E-M. S. White, heavily stippled blue-violet (RHS 94A); F. pure white with $\frac{3}{4}$ " blue-violet border, faint pencil line of blue-violet along midrib; ruffled; white beard tipped blue-violet. Stepping Out X Blue Petticoats.

BROADWAY (K. Keppel, R. 1979). TB, 34" (85 cm), E-M. S. deep gold (darker and brighter than M&P 11-L-5); F. ivory-white; solid, wide Brazil brown (8-L-8) band; yellow-orange beard. 72-40A: (((Irma Melrose x Tea Apron) x ((Full Circle x Rococo) x Tea Apron))) x April Melody) x Caramba) X Flamenco.

The first example above tells us Larry Gaulter made a cross of Bristol Gem (the pod parent) by Style Master (the pollen parent). He gave one of the seedlings from this cross the number 69-23. After observing it for several years, he decided to register (R) the iris in 1971. The description he furnished to the AIS Registrar gives the type of iris (TB), the average height in the hybridizer's garden (36" or 91 cm), the approximate time of bloom (M for mid-season) as well as the color of the iris. The word "self" tells us the iris petals are all one color. The rest of the description tells us this iris was introduced into commerce by Cooley's Iris Garden in 1973.

The second example tells us the same general information found in the first example but adds a few more facts. This iris blooms early (E) to mid-season. The Royal Horticultural Society has produced a series of colored fans (much like the paint chips one finds in paint stores, but on a much grander and more elaborate scale) and the RHS numbers refer to the number of a particular color. (RHS 94A). One cannot see the actual colors listed unless the Color Chart is purchased for personal use through the AIS Sales Office. It is not a requirement that all registrants use this color-numbering system. "S" refers to the Standards or upper three petals of the iris. "F" refers to the Falls or lower three petals of the iris. This iris was listed in the 1979 Check List as published by The American Iris Society. In 1979 the iris had been registered but not introduced into commerce.

The third example also gives us more facts. It tells us that this hybridizer uses a different kind of color chart. This one is the Maerz & Paul Color Dictionary. This hybridizer tells us that the parentage of this iris is not quite so simple as one iris crossed to another. All of the irises named in this parentage played a part in the genetic make-up of this iris. If one realizes each cross took two years to see, then we can understand that many years went by before the hybridizer obtained an iris he felt worthy of registration. While this parentage information is quite valuable to many, it does not usually mean much in the beginning to the novice irisarian.

The iris catalogs are as diverse in nature as are the growers who produce them. You will find everything from a computer generated or typed listing with no pictures to a fine, type-set, full color catalog. It is to be expected that the charge for the color catalogs will exceed that of the listings. Even catalogs with no pictures can be very detailed, have many pages and cost a large sum to produce. Very few catalogs are now free for the asking. If a picture is worth a thousand words, then why don't all advertisers have color pictures in their catalogs? Do you remember being surprised at the cost when you last went to pick up your color pictures or slides from the photo developer? Multiply this many times over and you will get the average cost (\$250 to \$300 or more) of "color separations" used in the color catalogs. Color printing is expensive and is generally used with discretion by the smaller iris grower. Some, but not all, catalogs list iris name, hybridizer and year of introduction (NOT registration) and give a brief description of the iris. Some, but not many, list parentages. There are many growers listed in the AIS Commercial Directory. What the directory does not tell you is the size of the commercial garden. If the catalogs are diverse, then the gardens are as well. They range in size from small back yard hobby gardens to large gardens with over 150 acres. How do you know which catalog to request? Ask someone in your local society for suggestions. Not sure who to order from? The suggestion has been made that at first it might be well to order a few irises from a grower in a nearby vicinity so that those irises would come to you already "acclimated" to your climate. Sooner or later, we all branch out and order from various parts of the U.S. You will soon have a "favorite" grower (or several favorites). There is nothing quite like the thrill of getting your first box of irises and the anticipation of what next spring will bring. The next biggest thrill is winning your first ribbon at an iris show. Once our first catalogs begin to arrive, we end up perusing them for hours before making final decisions. Most catalogs will give definitions of abbreviations used in their contents as well as their specific terms for ordering. You will immediately note that not all growers sell the same iris for the same price. Generally speaking, this is probably due to "supply and demand." If the grower has a large quantity of one particular variety, he may price that iris lower. If the iris is newer or the grower has less quantity, it may be priced higher.

More Helpful Things To Know

If you write to a hybridizer or commercial grower with specific questions should you expect an answer? If the grower is a very large grower who maintains an office staff, then the answer is yes. If you happen to choose to write to a smaller,

independent grower then it frequently depends on the time of year. Iris growers tend to be less busy during the fall and winter months and so have more time to devote to potential customers. Spring will find the grower/hybridizer out in his garden and usually busy at appropriate hours making crosses, for without the crosses, there will be no new introductions in the future. Summer will also find the grower extremely busy shipping plants; an exhausting time, especially if the garden is a "Mom and Pop" organization. You will probably get answers to your letters at the growers' busy times, but perhaps not as fast as you would like. Sadly, there are a few growers who do not answer mail at all.

How does an iris get its name? More than 50,000 irises have been named. Since no name may be used twice, unless specifically released, it is getting more difficult as time goes by to come up with something new and clever. Most hybridizers keep a list of names they feel are special, and the list is never divulged even to closest friends. It is common practice to use names of songs, book titles, movie titles, friends, spouses, children and grandchildren, etc.; we even read billboards and menus; visit cosmetic counters and car dealers; you name it, it has been done.

Need to know which parent is which? The pod parent (receiver of the pollen) is **always** listed first. The pollen parent (giver of the pollen) is **always** listed second. A successful "cross" has been made when the pollen of one iris is placed on the stigmatic lip of another and the pod parent produces a seed pod.

How long does it take to create and introduce a new iris? Say a hybridizer makes a cross which forms a seed pod during the bloom season of 1985. The seeds from the pod are planted that fall and germinate between February and May, 1986 depending on your location. The small seedlings are then planted (lined out) within the next 30 days or so and with luck will bloom during bloom season in 1987. If you are lucky and find a seedling you think is worthy of saving—not many are—then there may be a half dozen or fewer rhizomes to plant back from that one seedling. If after observing the plants for two years or more, say by 1989 or 1990, you may think about possibly introducing the plant. Up to that point, if you are quite fond of this particular plant, you have been planting back all the increases and now may have quite a few. There is no secret number of plants one needs to have on hand to offer an introduction for sale. The number will vary from one hybridizer to another. It is not unusual that it may take 8 to 10 years from conception to introduction.

What is a sib? Lower case spelling defines this as one of a number of seedlings from the same cross. Just as our brothers and sisters are our siblings, so all the seedlings in one cross are siblings, called sib for short.

What do the seedling numbers mean and how are they chosen? When a seedling is chosen for saving, the hybridizer must give it some kind of identification in his garden since it has no name. There is no set way to determine a seedling number. Most all hybridizers have their own method of numbering. The number 86-003 might indicate 1986 to be the year of first bloom. The other numbers might indicate it was the third plant saved from the bloom season.

What is a Bonus or Gift as mentioned in catalogs? This is a free iris or irises given to the buyer by the seller. Not all growers do it, and others are quite generous. It is usually chosen by the seller, but hints are usually welcomed. The Bonus or Gift

policy is usually spelled out carefully in the Terms of Ordering in each specific catalog.

Are irises patented? No. The reason newly introduced irises are higher in price than the older varieties is that the seller is usually the only one who offers the new iris for sale the first time. As we all know, irises are very prolific, and soon others will have the same iris for sale. They do not pay a royalty to the hybridizer of the variety if they offer it for sale in their catalog.

Should one buy only the irises which have won awards? One should buy what he or she likes and what will grow well in his or her particular area. All award winners do not always grow in all parts of the U.S.

Should one buy irises from catalogs which specialize in many types of flowers and/or bulbous plants? A good determining factor might be to purchase the same plant from two different sources to ascertain differences in quality, if any. A second factor might be when the seller says the irises will be shipped. Most commercial growers of *bearded* irises will not ship any plants after September 30, and some growers have an earlier cut-off date. A shipment date of January, for instance, is most assuredly the wrong time to be receiving irises. (Note: *Beardless* irises may be shipped after October 1.)

Is an iris catalog published in 1992 good in 1993? Generally not. In fact, some catalogs will say the current publication makes previous catalogs obsolete.

Now that you have discovered irises, you will next discover the local iris society, its iris show each spring and the iris auctions or sales, usually held during the summer. You make new iris friends and end up trading plants. Soon your garden will be growing like Topsy, and you are well on the way to being seriously infected with what is now known as "Iris Virus." ENJOY!

YOUTH VIEWS

Jean E. Morris

ATTENTION AIS YOUTH MEMBERS!—
YOU COULD BE \$100 RICHER IN 1993 . . .

Now is the time for AIS Youth Members to get those ideas rolling off the end of those pencils, or out of those typewriters or word processors as the case may be. This year's Ackerman Memorial Youth Essay Contest has an interesting topic: "My favorite tall bearded iris which did NOT receive the Dykes Medal and why I think it should have (and/or why I think it didn't)." Essays should be 500 words or less and must be submitted by March 15, 1993, to Marilyn Holloway, 673 Acacia Avenue, Sacramento, California 95815. The winner will receive \$100!

This contest is administered by the AIS Foundation and is made possible by a donation from Mrs. Robert Thrum of Lansing, Michigan, as a memorial to her parents, Jay and Marian Ackerman.

A few hours of writing could earn you that \$100 prize! Bet it will take only seconds for the winner to decide how to spend the money.

OBSERVATIONS OF A BEGINNING HYBRIDIZER

J. Farron Campbell (Texas)

Hybridizing is a fascinating and rewarding endeavor for anyone who enjoys a challenge. As with anything new, it is important to start at the beginning—learning the basics. There are so many details to be considered that I thought it worthy to share the things I learned upon taking up the challenge two years ago.

First, and most important, hybridizers must know their subject. New introductions should be an improvement over what has come before. The only way this judgment can be made is by observation. While it is not possible to grow everything, every effort must be made to observe unfamiliar varieties. Visit other growers' gardens—not just at bloom season, this doesn't present the whole picture. Foliage, rate of average increase and clumping habits are equal in importance, if not more so, than a beautiful blossom. Plants possessing a desired trait, or that tend to yield such progeny, are worthy candidates for your garden for breeding stock.

How can I know which traits a given cultivar tends to produce, you might ask? The *Louisiana Iris Cultivars* published by SLI is an excellent place to begin (or the annual R. and I. booklet from AIS-Ed.). With this tool, it is possible to compile a complete family tree of many irises. Scan the listings for the potential parent and jot down pertinent facts such as ruffling or showy signals. A case in point is the renowned CLARA GOULA. Invariably, irises with it in its background will mention ruffling. My second suggestion is to talk with experienced hybridizers. Attending the annual spring meeting is a good place to begin.

Before the first cross is made, evaluate available growing space. Many seedlings must be grown to properly determine what a given set of parents will yield. Unless space is unlimited, it will be necessary to have very specific goals in mind. Do not, however, be so inflexible as to reject a good iris just because it does not conform to your objectives. Seedlings should be grown for several years to properly evaluate their worthiness for registration. Patience cannot be stressed enough.

Record keeping is vital to a successful hybridizing program. Seedlings resulting from bee pods may yield fantastic irises, but the cross can never be repeated. Every seedling from a cross should be recorded when it blooms. A very small percentage will be worthy of numbering and retaining for further evaluation.

"Guesting" seedlings is very important. A plant that does well in one area of the country may be a total dud in another. Try to cover a wide geographic range. Many commercial gardens will readily assist in this process. Irises that go on to be introduced will then have a built-in means for general distribution. Good visibility is probably the most singular important factor in advancing through the awards process.

A new iris must be formally introduced before it is eligible for American Iris Society awards, except in the case of the EC (Exhibition Certificate) and the HC (High Commendation) awards. An iris worthy of registration should be

introduced! A good number of iris dealers also hybridize and will gladly introduce new varieties for other hybridizers. The vendor chosen should have a good reputation among fellow irisarians. A buyer never forgets receiving undersized or poorly cared for rhizomes. An unhappy recipient of poor stock will not be likely to have good things to say about your introductions.

Hybridizers really should receive AIS judges' training and certification. The program consists of training in every type of iris and both garden and show judging. This is an excellent way of learning what will be expected of your introductions. Another aspect of becoming a judge is exposure. Hybridizer-judges are very much in demand for teaching judges' training schools. Here again "visibility" is greatly enhanced. People like to grow irises originated by someone that they have met or heard about. Judges well versed in Louisiana irises are in particularly short supply and are needed to judge iris shows.

Louisiana irises are very diverse in form; this is one of their most notable attributes. As a hybridizer, don't lose sight of this: The fully-flaring, overlapping form seems to be the most widely sought after, but the tailored, open forms are also highly sought after. This great diversity must be preserved.

The big breaks in the Louisianas are yet to come. Controlled hybridizing in this class of iris is still in its infancy. Great achievements can still be had with only a limited hybridizing program. This could be your chance to become an iris pioneer!

Reprinted from SLI News-letter, September, 1991

CONTAINER GROWN IRISES

Edward Myhro (California)

As a new member of The American Iris Society, I would like to contribute an article on container grown irises. I live in Cathey's Valley, California, just a few miles from the Superstition Iris Garden of Rick Tasco and Roger Duncan. Rick and Roger were both instrumental in perking my interest in irises about a year ago. I do all my gardening in containers, so I thought, "Why not irises?"

I planted the following tall bearded irises in 5-gallon pots in August, 1991: FLOWER SHOW, BLUE TINTS, SKYLAB, DUTCH GIRL, CHICO MAID, and FRENCH KISS. I use a standard potting mix to which I add perlite and some sharp sand to increase the drainage. This also virtually eliminates rot. When I am ready to plant the rhizome, I add a handful of fertilizer and plant at the proper depth for my climate. I then water well and keep the soil moist to start root growth and continue to water until the fall rains take over.

The result was that by April 26, 1992, I had 100% bloom. Needless to say, I was very happy with this success, and I plan to expand to include standard dwarf bearded, border bearded and intermediate bearded types. Come spring bloom, I will be glad to report on the success rate of these.

As I am an amateur iris grower, I welcome comments to help me grow in my desire to learn more about container culture irises.

Exhibition Committee Report for 1992

Lillian V. Gristwood

What a crazy bloom season the whole country had to put up with this past year! Either the bloom was too early or too late to have a "super" show, but nevertheless, more shows than ever were scheduled. Requests were received from 196 societies for an approved show. Of these 4 were for fall shows, and one was for a Seedling Show. Eleven societies found it impossible to hold their shows because the weather did not co-operate.

The greatest number of shows held was 20 in Region 18. This was followed by Region 17 with 17 shows, Region 14 with 15. (One of which was the Seedling Show.) Region 6 & 22 held 14 shows, and Region 4 & 7 held 10 shows.

Twenty regions had Artistic Divisions in their shows with Region 18 having the greatest number. The total number of Artistic Divisions was 129. There were 24 Youth Divisions in 12 regions. There were Educational exhibits in 31 shows, and 6 shows had Commercial exhibits.

Of the types exhibited, tall bearded had the highest number with Louisianas the next highest number.

Tall Bearded	119	Californicae	1
Border Bearded	2	Japanese	7
Miniature Tall Bearded	6	Louisiana	8
Intermediate Bearded	4	Siberian	7
Standard Dwarf Bearded	8	Spuria	6
Miniature Dwarf Bearded	1	Species	3
Aril/Arilbred	3		

The Nelson Award (which is given to the Iris selected Best Specimen in the most shows) was a tie for first place with DUSKY CHALLENGER and SILVERADO. Each was selected best specimen in 6 shows. VANITY and TITAN'S GLORY took second place with 3 shows.

The AIS provided 131 sets of medals to Affiliates and Regions. Each Affiliate is entitled to one set of medals each year.

NUMBER OF SHOWS REPORTED BY REGIONS

Region	Number of Shows	Position
18	20	1
17	17	2
14	15	3
6	14	4
22	14	
4	10	6
7	10	
21	9	8
13	8	9
5	7	
15	7	
8	7	

23	7	
1	6	14
9	6	
3	5	16
2	3	17
12	3	
20	2	19
16	2	
24	2	
19	2	
10	1	23
11	1	

American Iris Society Shows—1992

Place of Show	Silver Medal	Bronze Medal	Best Specimen	Exhibitor
REGION 1				
Auburn, Maine	The Whites	Sacks Schafer	Double First (JI)	The Valentis
Auburn, Maine	Shirley Pope	The Whites	Dazzling Gold	Ed & Rita Jakaitis
New Haven, CT	Ken & Agnes Waite	Rebecca Wong Dave Nitka	Instructor	Shirley Varmette
Shelburne Falls, MA	Rebecca Wong Dave Nitka	Ken & Agnes Waite	Sparkle (SIB)	Rebecca Wong Dave Nitka
South Paris, Maine	The Hazeltons	Pauline Grenier	Chaos (SDB)	The Hazeltons
Waltham, MA	David & Barbara Schmieder	Lucy & John Burton	Ballerina Blue	Marian Schmuhl
REGION 2				
Binghamton, NY	Mary Stiefel	Dorothy Fingerhood	Tide's In	Mary Stiefel
Buffalo, NY	Tony & Dorothy Willott	Kathleen Guest	Fairy Fingers (SIB)	Tony & Dorothy Willott
Fayetteville, NY	Wendy Roller	Vivian Cummings	Vanity	Wendy Roller
		Virginia Spina		
REGION 3				
Dover, DE	Mary Etta Brightman	Ellwood Maltman	Jesse's Song	George Ross
Exton, PA	Mrs. Grant D. Kegenise	Mrs. Richard P. Kegenise	Bronzette Star	Mrs. Grant D. Kegenise
Newark, DE	Angela Swyka	Esther Martin	Midnight Express	Angela Swyka
Pittsburg, PA	John Baron	George Gerhardt	Cotton Carnival	John Baron
Hanover, PA	Harold Gniffe	Mr. Mrs. Sterling Innerst	Foxfire	Terry Marquart
REGION 4				
Fredericksburg, VA	Mrs. Jack Loving	Beverly Ruedi	Mendeth Hues	Freda Martin
Hendersonville, NC	Joe Summey	Stever Smart	Smoke Rings	Isabelle Nix
Hendersonville, NC	John Wood	Everette Lineberger	Damsel Knight (JI)	John Wood
High Point, NC	J.D. Stadler	Clarence Mahan	Betty Frances	J.D. Stadler
Roanoke, VA	Dennis Stoneburner	Margaret Bowles	Silverado	Dr. & Mrs. A.W. Rice
Virginia Beach, VA	Rich Randall	Frances Thrash	Adventure Bay	Rich Randall
Virginia Beach, VA	D.J. Kelly	Rich Randall	Sary Odon (JI)	D.J. Kelly
Washington, D.C.	Clarence Mahan	Cynthia J. Peters	Marnage Vows	Cynthia J. Peters
Washington, D.C.	Carol Warner	Clarence Mahan	Edge of Frost (JI)	Nicholls Gardens
Westminster, MD	Carol Warner	Mr. Mrs. J. Owings Rebert	St. Helen's Wake	Dan & Carolyn Schlanger
Williamsburg, VA (1991)	Anne & Mike Lowe	Betty Worrell	Violet Classic	Anne & Mike Lowe
REGION 5				
Anderson, SC	Beverly Barbours	Pat Bowen	Raspberries & Cream	Martha Smart
Atlanta, GA	Cody & Velma Brett	Beverly Barbour	Walter Dupree III (LA)	Cody & Velma Brett
Columbia, SC	Ted M. Lee	Jim & Peg Jeffcoat	Vanity	Ted M. Lee
Milledgeville, GA	Cody & Velma Brett	Thomas M. Godwin	On Line	Charles Weathers
Spartanburg, SC	John Wood	Steve Smart	Wine Colored (IB)	John Wood
Summerville, SC	Patricia Brooks	Betty Black	Tranquil Spirit (LA)	Patricia Brooks
Summerville, SC	Walter Hoover	Pat Brooks	Sapphire Star (JI)	Pat Brooks
REGION 6				
Akron, OH	Tony & Dorothy Willott	Kevin Westmeyer	Taffy Touch (SDB)	Tony & Dorothy Willott
Cleveland, OH	Tony & Dorothy Willott	Doug & Joy Fuhrmeyer	Derby Princess (SDB)	Tony & Dorothy Willott
Flint, MI	Marlyn Nelson	Paul & Carol Morgan	Incantation	Anna Cline
Ft. Wayne, IN	Roger & Lynda Miller	Russell Bruno	Lori Beth	Roger & Lynda Miller
Grand Rapids, MI	Alice Otter	Don Sorenson	Blue Pools (SDB)	Don Sorenson
Grand Rapids, MI	Donis DeHaan	Bob Wilson	Heather Blush	Donis DeHaan
Indianapolis, IN	Doris J. Winton	Earl Hall	Dusky Challenger	Earl Hall
Kalamazoo, MI	Ensata Gardens	L. Bruce Hornstein	Calaman (JI)	Ensata Gardens
Lansing, MI	Ruth Esper	Robert Keifer	Supreme Sultan	Grant Helmic
Mansfield, OH	Carol Ridenour	Christine Cremeans	Country Manor	Carol Ridenour

Mio, MI Munice, IN Portage, MI Royal Oak, MI	Wayne Neuman Christine Foy Lucille Robinson Paul & Carol Morgan	Mike Corthals Roger & Lynda Miller Donald Morrison Keith McNames	Lofty Dreams Ginger Swirl Victoria Falls Panda (MTB)	Evelyn Roberts Christine Foy Donald Morrison Paul & Carol Morgan
REGION 7 Bowling Green, KY Dresden, TN Franklin, TN Jackson, TN Lebanon, TN Lexington, KY Louisville, KY Memphis, TN Memphis, TN Murfreesboro, TN	Lou Ehrcke Robert Hurt Regena Crutchfield Trudy Lowe Thelma Lamb Hugh Thurman Sheldon Butt Lottie Lough James Russell Jerry & Jane Gifford	Betty Wilkerson Virginia Houks Jerry & Jane Gifford Bob Love Sue D. Gossage Zetta Laws Paul Owen Mary Ann Collins Beth Koonce Barbara Rittenberry	Vanity Loop the Loop Song of Norway Columbia Blue Fiction Lady Friend Superstition Peachy Creamy Skating Party Titan's Glory	Inez Turns Robert Hurt Regena Crutchfield Bob Love Inez Turns Mark Cook Ardia Herndon Lottie Lough William & Eleanor Roane Jerry & Jane Gifford
REGION 8 Blaine, MN Fond du Lac, WI Hales Corners, WI Hales Corners, WI Madison, WI Minnetonka, MN St. Anthony, MN	Cindy & Scott Johnson June Fohl Sandra J. Lemmer Francis Rogers Edwin Kelsey Mildred Odenbret Robert Dalgard	Rose Bush Paula Meyer Francis C. Rogers Jerome Bengston Danial Thrumman Pam Stassen Riverdale Iris Garden	Walking Tall Victoria Falls Butter Pecan (IB) Upper Class Jesse's Song Country Manor Pure Allure (SDB)	Inge Hempel Sheila Sayles Lavone Ney Francis Rogers Edwin Kelsey Loralee A. Miller Inge Hempel
REGION 9 Glencoe, IL Lombard, IL Lombard, IL Rockford, IL Rockford, IL Urbana, IL	Marge McCannon Russell Bruno Sheldon Butt Shirley Stien Francis Brenner Sheldon Butt	Lorraine Meyer Marge Hagberg Robert Gabella Francis Brenner Betty Mitchell Jerry & Melody Wilhoit	Going My Way Captured Spirit (SDB) Fiction Grand Waltz Zipper (MDB) Iris Bohnsack (BB)	Elaine Ferris Marvin Shoup Charles J. Simon Barbara Freund Beverly Brenner Jerry & Melody Wilhoit
REGION 10 Lafayette, LA	Dorman Haymon	Gordon Rabalais	Praline Festival (LA)	Dorman Haymon
REGION 11 Missoula, MT	Ronn Dunn	Alverta Symes	Percheron (SIB)	Ronn Dunn
REGION 12 Logan, UT Ogden, UT Salt Lake City, UT	Jared Harris Brad & Kathie Kasperek Brad & Kathie Kasperek	Jeffrey Walters De Ray Taylor Ora Burton	Pink Sapphire Song of Norway Titan's Glory	Jared Harris De Ray Taylor Brad & Kathie Kasperek
REGION 13 Bellevue, WA Kirkland, WA Portland, OR Portland, OR Richland, WA Tacoma, WA Walla Walla, WA Walla Walla, WA	Paul Ikeda Sharon Gaffney Mt. View Iris Gardens Mt. View Iris Gardens Marky D. Smith Frances Dugger Billie Johnson Margaret McCrae	Mela Kirk Fran awk Derr Rainbow's End Abbey Gardens L. Alan Fort Mrs. Al Lind Don Boen Opal Brown	Frances Gaulter Atoll (SIB) Shirley Pope (SIB) Hot Spice (IB) Carriage Tade Pearl Island Rare Edition (IB) Gift of Dreams	Mela Kirk Sharon Gaffney Mt. View Iris Gardens Chad Harris Clyde Mead Elaine Ward Billie Johnson Opal Brown
REGION 14 Capitola, CA Chico, CA Hanford, CA Las Vegas, NV Las Vegas, NV Oakland, CA Palo Alto, CA Redding, CA Redding, CA Sacramento, CA San Jose, CA	Joe Ghio Bob & Irene Annand Bill Tyson Berkley Hunt Oscar Schick Lewis & Adele Lawyer Lois Belardi Cloudia Owen Vera Stanley Joe Siebert Mike Bernard	Lois Belardi Cloudia Owen Delores Bates Evelyn Condo Helen Cochran Alan Robbins Merry & Dave Haveman Judy Wallach Phyllis O'Hanlon Joyce Ragle Glenda Rasmussen/Glenys Konze Mary Dunn/Carl & Manly Boro Bob Pixton	Candle Lace (SPU) Silverado Lisette (MTB) Recluse (SPU) Bajazzo (LA) Grape Orbit (SDB) Jitterbug Dusky Challenger Hindenberg Hue & Cry (JLI) Master Touch	Virginia Keyser Leo H. Barnard Bill Tyson Evelyn Condo Pat Doring Glenn Corlew Lois Belardi Judy Wallach Vera Stanley M.A.D. Iris Gardens Yolanda Olsen
Santa Rosa, CA Visalia, CA Walnut Creek, CA Ukiah, CA	Betty Ford SEEDLING SHOW Dan Johnson Joanne McGrew	CERTIFICATES ONLY GIVEN Ed & Mary Ralston Kitty Loberg	Desert Echo I Virginia (Specie) New Idea (MTB)	Betty Ford Alan Robbins Kitty Loberg
REGION 15 Arcadia, CA North Ridge, CA Palmdale, CA Phoenix, AZ Riverside, CA San Diego, CA Tucson, AZ	Duncan Eader Peter De Santis Flo Doull Gail Barnhill Joe Daugherty Norm Allin Jim Sinski	Pete De Santis Jean Bossier Mary Duval Jan & Gary Meeker Ralph Strane Fred Higginbotham Myrleen Hunt	E.C. Everingham (LA) Miss Jeanie Sultans Ruby (SIB) Opportunity Trail Blazer (PCN) Premier (SPU) 1st day Titan's Glory 2nd day Windriver	Pete De Santis Teresa Sage Mary Duval Jan & Gary Meeker Mrs. Bob Hubley Dorothy Runde Barbara Evans Myrleen Hunt

REGION 16

Hamilton, ON
London, ON

Chuck Chapman
Chuck Chapman

Cathy Boyko
Gloria McMillen

Rare Treat
Midnight Wave

James McMillen
James McMillen

REGION 17

Amarillo, TX
Austin, TX
Bellon, TX
Bonham, TX
Cleburne, TX
Dallas, TX
Denison, TX
Denison, TX
Fort Worth, TX
Fort Stockton, TX
Iowa Park, TX
Lubbock, TX
Midland, TX
New Braunfels, TX
Sherman, TX
Odessa, TX
Waco, TX

Louise Nichols
Dana Glaser
Dana Glaser
Harold Walker
Mary Higgins
Bonnie Davenport
Judith C. Earp
Charlie Brown
Tom Welches
Mary G. Newton
Bill Parker
Dana Brown
Joella Olson
Mr./Mrs. James R. Allen
Ira & Thelma Inman
Elmer Williams
Dana Glaser

Don Johnson
Jim Landers
Frances Kurtz
Melvin Curtis
Bobbie Johnson
Doelors Byrne
Charles Brown
Charles Montgomery
Janet Murphy
Janet Newton
Carla Moore
Barbara Benson
Loni Mitchell
Mr. W. Clyde Ikins
Frebert & Pauline Belcher
Don Davis
Frances Kurtz

Dusky Challenger
Gentle Shepherd
Coming Attraction
Chippendale
Worlds Beyond
Old Time Religion
Breakers
Limelighter
On Edge
Cotton Blossom (SDB)
Silverado
Elixir (SPU)
Maria Tormena
Emile
Poet
El Morado
Rustler

Kathy Palmer
Dana Glaser
Robert Alexander
Melvin Curtis
Mary Higgins
Bonnie Davenport
Charles Brown
Judith Earp
L.M. Begley
Janet Newton
Carla Moore
Ramona Howard
Joella Olson
Mr./Mrs. James R. Allen
Ira & Thelma Inman
Dr. John Howlett, MD
Bob Alexander

REGION 18

Augustus, KS
Cape Girardeau, MO
Desoto, MO
Dodge City, KS
Garden City, KS
Hays, KS
Hutchinson, KS
Jefferson City, MO
Joplin, MO
Kansas City, MO
Overland Park, KS
Parsons, KS
Springfield, MO
St. Louis, MO
St. Louis, MO
St. Louis, MO
St. Louis, MO
Washington, MO
Wichita, KS
Wichita, KS

Clancy Walz
Jeanne Holley
Frances Boyd
J.C. Sinclair
Keith Fillmore
Louise Booth
Saundra Grimm
Eric Tankesley-Clarke
Bill Chapman
Donna Aldridge
Donna Aldridge
Lee Robbins
Calvin Helsley
Sheldon Butt
Sheldon Butt
Sheldon Butt
Sheldon Butt
Sheldon Butt
Helen Reynolds
Claude Evans

Dorothy Dickson
Joy Braeuner
Ken & Sue Kremer
Robert Preston
Wanda Smith
Delilah Meis
Nellye Drake
Dan & Audrey Judy
Mrs. Don Sheppard
Wilma Little
Perry Bates
Bill Chapman
Tom Grim
Jim Morris
Ann & Riley Probst
Riley Probst
Don Delmez
James Morris
Mike Hargrove
Bob Dickson
Helen Reynolds

Columbia Blue
Royal Intrigue
Red Zinger
Orange Slices
Little Elmohr (AR)
Sparkling Sunnise
Lady Friend
Everything Plus
Breakers
Golden Nugget (SPU)
Maranatha (SIB)
Minisa
Blueberry Meringue
I. Stoloniera (Species)
Windsong West
American Sweetheart
Vintage Years (SPU)
Conjuration
Spring Harmony (MTB)
Silverado

Clancy Walz
Jeanne Holley
Carla Steinkoetter
J.C. Sinclair
Dale Smith
Louise Booth
Saundra Grimm
Dorothy Anderson
Bill Chapman
Wilma Little
Virgil Bryant
Lee Robbins
Tom Grim
Susan Smith
Ann & Riley Probst
Ann & Riley Probst
Sheldon Butt
James Morris
Helen Reynolds
Catherine Breth

REGION 19

Moorestown, NJ
Princeton, NJ

Chun Fan
Chun Fan

Franklin E. Carr
William & Martha Griner

Turandot
Moon's Delight

Franklin E. Carr
Erin Griner

REGION 20

Colorado Springs, CO
Denver, CO

John & Jeri Knudtson
Don & Patricia Morgan

Morris Steinheimer
Bud & Sue McCarthy

Conjuration
Incantation

John & Jeri Knudtson
Jess Quintana

REGION 21

Bellevue, NE
Columbus, NE
Gering, NE
Lincoln, NE
Lincoln, NE
Norfolk, NE
Omaha, NE
Sioux City, IA
Sioux Falls, SD

Jim Ennenga
Don Peterson
Viola Schreiner
Allan Ensminger
Opal Wulf
Don Peterson
Jan Fricke
Larry Harder
Chuck Claussen

Jan Fricke
Agnes Hottovy
Julie Feil
Gayle Jensen
Allan Ensminger
Marjorie Jansen
James Ennenga
Dennis Wolf
Leo Horton

Dusky Challenger
Avening Angel
Mainee Idol
Batik (BB)
Tide Mark
Dusky Challenger
Cut Crystal
Hilo
Iris Irene

Brian Kreitlow
Agnes Hottovy
Viola Schreiner
Gayle Jensen
Opal Wulf
Marcus Ferguson
Doris Jensen
Mary Lotz
Leo Horton

REGION 22

Enid, OK
Hobart, OK
Hot Springs, AR
Lawton, OK
Lawton, OK
Little Rock, AR
Norman, OK
Oklahoma City, OK
Oklahoma City, OK
Oklahoma City, OK
Ponca City, OK
Tulsa, OK

Bea Williams
Bebe Reimer
Eileen Harrison
Joe & Maude Norton
Angela Ashby
Mr./Mrs. Henry C. Rowlan
Genevieve Followwill
Paul Black
Genevieve F. Followwill
Perry Dyer
Paul Black
Dorothy & Ray Cantwell
Dean & Georgia Brand

Joe & Ann Barrows
Randy Raley
Susie Smith
June Tomlinson
Margaret Dorrell
Mr./Mrs. Richard C. Butler
Laverne Sullivan
Joe & Ann Barrows
Chris Vizavie
Louis Scott
Perry Parrish
Perry Dyer
Dorothy Howard

Silverado
Skating Party
Angel Mist (LA)
Dusky Challenger
Silverado
Sweet Musette
Beverly Sils
Moon's Delight
Prettie Print
Hurricane Party (LA)
Rosemary's Dream (MTB)
Inga Ivey
Tufted Cloud

John & Ginny Tripp
Bebe Reimer
Tim & Debbie Hassell
Joe & Maude Norton
Lacy Hagood
Doris Boyles
Perry L. Parrish
Jim Hawley
Louise Carson
Perry Dyer
Louise Carson
Dorothy & Ray Cantwell
Dean & Georgia Brand

Tulsa, OK	Dean & Georgia Brand	Perry Dyer	Rare Treat	Dean & Georgia Brand
REGION 23				
Albuquerque, NM	Irene Shockey	Howard Shockey	Theseus (AR)	Irene Shockey
Albuquerque, NM	Irene Shockey	Howard Shockey	Fun Fest	Peter McGrath
Albuquerque, NM	Kurt Lattimer	Valerie White	Dusky Challenger	Ken Fladager
Hobbs, NM	Montez Bertram	Doug Goodnight	Satin Satan	Doug Goodnight
La Cruces, NM	Ann Wright	Chris Haddsell	Cassiope (LA)	Maxine Perkins
Roswell, NM	Leslie Jobe'	Katherine McDaniel	Night Affair	Leslie Jobe'
Santa Fe, NM	Pat Feather	Maggie Rubino	Mary Frances	Erlinda Lujan
REGION 24				
Birmingham, AL	Nan Elizabeth Miles	Mr./Mrs. Joe Langdon	Royalist	Nan Elizabeth Miles
Huntsville, AL	Sue McNeal	Margaret Connally	Missy Yorktown	Clara Henderson

FALL SHOWS

REGION 4				
College Park, MD	Gladys Lee	Joan Roberts	Silver Divided	Dr. Bruce Hornstein
REGION 21				
Lincoln, NE	Garland Bare	Sylvia Tenpoir	Constant Companion	Connell Marsh
REGION 14				
Tulare, CA	George Sutton	Dr. John Weiler	Colorwatch	George Sutton
Walnut Creek, CA	—	—	Dark Lane (SDB)	George Young

ARTISTIC SECTIONS

Place of show	Best Design	Artistic Sweepstakes	Best Design Youth	Artistic Sweepstakes Youth
REGION 1				
Auburn, Maine	Peter Young	Sharon Harvie	Andrew Wheeler	—
Auburn, Maine	Kathy Marble	Kathy Marble	—	—
New Haven, CT	Ruthy Bennett	Ruthy Bennett	—	—
Shelburne Falls, MA	Deborah Wheeler	Marcia Fleming	—	—
South Paris, Maine	Pauline Grenier	Pauline Grenier	—	—
Waltham, MA	Eleanor McKinnon	—	—	—
REGION 2				
Buffalo, NY	Maria Gerbracht	—	—	—
Fayetteville, NY	Virginia Spina	—	—	—
REGION 3				
Newark, DE	Wendy Aycoth	—	—	—
Pittsburgh, PA	Bette Nutter	—	—	—
REGION 4				
Fredericksburg, VA	Martha Carter	Martha Carter	—	—
Roanoke, VA	Mrs. Robert Spencer	—	—	—
	Mrs. Fred Helfenstein	—	—	—
Virginia Beach, VA	Caryll Randall	—	—	—
Virginia Beach, VA	Anna Brooks	—	—	—
Washington, D.C.	Bonnie Mirmak	Delores Felch	—	—
Westminister, MD	Joyce Smith	—	—	—
REGION 5				
Anderson, SC	Sandra Harper	—	—	—
Atlanta, GA	Mrs. Edward T. Brown	—	—	—
Columbia, SC	Mabel Knight	—	—	—
Milledgeville, GA	Alma Burgamy	Joe Scott Watson	Danny Watson	—
Spartanburg, SC	Mary Ann Kirby	Pat Johnson	Marie Golorth	—
Summerville, SC	—	Kathy Woolsey	—	—
REGION 6				
Akron, OH	Dorothy Willott	Georgia Rhodes	—	—
Cleveland, OH	Frances Holecek	Frances Holecek	—	—
Ft. Wayne, IN	Betty Wallace	Betty Wallace	—	—
Grand Rapids, MI	Lois Wier	Lois Wier	—	—
Grand Rapids, MI	Lois Wier	Ruth Levanduski	—	—
Indianapolis, IN	Carmen Carson	Carmen Carson	—	—
Lansing, MI	Barbara Church	—	Lauren Cotter	—
Mansfield, OH	Exp.—Peggy Case	Kay Hostetler	—	—
	Nov.—Kay Hostetler	—	—	—
Mio, MI	Nelson Yonder	Nelson Yonder	—	—
Muncie, IN	Betty Thomas	Betty Thomas	—	—
Portage, MI	Bernard Jones	Bernard Jones	—	—
Royal Oak, MI	Alan Reid	—	—	—
REGION 7				
Bowling Green, KY	Irene Hughes	Jo Bryant	—	—
Franklin, TN	Viola Wright	—	—	—
Lebanon, TN	Margaret Joines	Margaret Joines	—	—
Louisville, KY	Helen Harrigan	Helen Harrigan	—	—
Memphis, TN	Lorene Nance	—	—	—

Memphis, TN	Ginni Hill	Ginni Hill	—	—
REGION 8				
Blaine, MN	Harriet Petersen	Sunny Netko	—	—
Fond du Lac, WI	Leslie Kolitz	—	—	—
Madison, WI	Mary Pelzer	Karen Einich	—	—
Minneota, MN	Ruth Jackson	Ruth Jackson	—	Jessica Gee
St. Anthony, MN	Charlotte Sindt	Charlotte Sindt	—	—
		Victoria Sibell	—	—
REGION 9				
Glencoe, IL	Brian Clough	Brian Clough	—	—
Lombard, IL	Cae Daly	Frances O'Brien	—	—
Lombard, IL	Pat Hessel	Bill Hessel	—	—
Rockford, IL	Nancy Pilipuf	—	—	—
REGION 11				
Missoula, MT	Ronn Dunn	Ronn Dunn	—	—
REGION 12				
Logan, UT	Candy Thomas	Candy Thomas	—	—
Ogden, UT	Candy Thomas	Candy Thomas	—	—
Salt Lake City, UT	Candy Thomas	Candy Thomas	—	—
REGION 13				
Portland, OR	Elsie Skinner	Elsie Skinner	—	—
Portland, OR	Laurie Ystad	Ron Dunham	—	—
Richland, WA	Donis Hale	—	Kathryn Ellingsworth	Kathryn Ellingsworth
Tacoma, WA	Eileen Watlerson	Eileen Smiley	—	—
Walla Walla, WA	Eleanor Tomlinson	Verna Bennett	—	—
Walla Walla, WA	Elsie Patterson	Edward Granek	—	—
REGION 14				
Chico, CA	Barbara Collado	Barbara Collado	—	—
Hanford, CA	Laverne Cottet	—	—	—
Las Vegas, NV	Lucile Ray	Lucile Ray	—	—
Redding, CA	Mary Pettigrew	Jessie Robertson	Stephanie Brower	Stephanie Brower
Ukiah, CA	Lolita Falconer	Lolita Falconer	Kim Mitchell	Kim Mitchell
REGION 15				
Arcadia, CA	Dorothy Jean Spoelstra	Mary Ann Spurlock	—	—
Northridge, CA	Frances DeSantis	Eileen Fiumara	—	—
Palmdale, CA	Mary Duvall	Mary Duvall	—	—
Phoenix, AZ	Clemence Newcomb	Jack Weber	—	—
Riverside, CA	Mike Monninger	Carol Bachheim	—	—
San Diego, CA	Dorothy Driscoll	—	—	—
Tucson, AZ	Mary Anne Kutz	Gail Barnhill (1991)	—	—
REGION 17				
Amarillo, TX	Don Johnson	—	—	—
Austin, TX	Patricia J. Freeman	Patricia J. Freeman	—	—
Bonham, TX	Christine Richardson	—	—	—
Cheburne, TX	Zelma Banks	Zelma Banks	—	—
Dallas, TX	Bob Schumann	Bob Schumann	—	—
Denison, TX	Ellen Sullivan	Margaret Routh	—	—
Denison, TX	Ellen Sullivan	Ina Warren	—	—
Fort Worth, TX	Helene Welches	Joan Stanley	—	—
Fort Stockton, TX	Toni McGuire	Toni McGuire	—	—
Iowa Park, TX	Juanita Davis	Juanita Davis	Lindsey Hunter	Lindsey Hunter
Lubbock, TX	Elaine Shields	Bill Skillman	—	—
Midland, TX	Loni Mitchell	Joella Olson	Kathryn Chandler	Kathryn Chandler
Sherman, TX	Carol Collum	Betty Brawley	—	—
Waco, TX	Carolyn Newman	Carolyn Newman	—	—
REGION 18				
Augusta, KS	Lowell Markley	Lowell Markley	David Manahan	David Manahan
DeSota, MO	Carla Steinkoetter	Terry Duchek	—	—
Dodge City, KS	Marti Woods	Alice Sinclair	—	—
		Marti Woods	—	—
Garden City, KS	Shilo Gillam	Mary Lou Hayes	—	Kenny Smith
Hays, KS	Louise Booth	Jeanette Tammen	—	Kenny Smith
Hutchinson, KS	Saundra Grimm	Saundra Grimm	—	—
Joplin, MO	Laura Dolan Teverow	Betty Marty	—	—
Kansas City, MO	Jim Waddick	Jim Waddick	—	—
Overland Park, KS	Jim Waddick	—	—	—
Parsons, KS	Lucy Pearce	Lucy Pearce	—	—
Springfield, MO	Gladys Jones	Gladys Jones	—	—
St. Louis, MO	Louise Bellagamba	Louise Bellagamba	—	—
St. Louis, MO	Rita Kinsella	Sue Delmez	—	—
St. Louis, MO	Rita Kinsella	Rita Kinsella	—	—
		Dorothy Howell	—	—
St. Louis, MO	Rita Kinsella	Sue Delmez	—	—

Washington, MO	Verna Schmid	Rosa Kampschroeder	—	—
Wichita, KS	Jayneen Westervelt	Helen Reynolds	—	—
Wichita, KS	Mary Eckley	Mary Eckley	—	—
REGION 20				
Colorado Springs, CO	Suzanne Rodgers	Suzanne Rodgers	Shelly Moller	Shelly Moller
Denver, CO	Mrs. Dixie Bennett	Mrs. Maunine Gressett	—	Ann Knudtson
REGION 21				
Columbus, NE	Agnes Hottovy	Don Peterson	—	—
Bellevue, NE	Roger Mazur	Roger Mazur	—	—
Gering, NE	June Hara	Virginia Harmon	Stacy Smith	—
Lincoln, NE	—	Gladys Ensminger	—	—
Lincoln, NE	—	Gladys Ensminger	—	—
Norfolk, NE	Rosa Brinegar	Rosa Brinegar	—	—
Omaha, NE	Ruth Ennenga	Ruth Ennenga	—	—
Sioux City, IA	Marian Burleigh	Marian Burleigh	—	—
Sioux Falls, SD	Rae Jean Gee	Rae Jean Gee	—	—
REGION 22				
Enid, OK	—	Elaine Archer	—	—
Hobart, OK	Mrs. Levy Parr	Mrs. Boyd Davis	—	—
Hot Springs, AR	Tim Hassell	Tim Hassell	—	—
Lawton, OK	Mary Ann Holman	Sylvia Slusher	—	—
Lawton, OK	Velma Bluford	Velma Bluford	—	—
Little Rock, AR	Stephen Russell	Doris Boyles	—	—
Norman, OK	Lillian Shelton	Laverne Sullivan	—	—
Oklahoma City, OK	Virginia Gregory	Virginia Gregory	—	—
Oklahoma City, OK	Genevieve E. Followwill	Genevieve E. Followwill	—	—
Ponca City, OK	Ray Cantwell	Ray Cantwell	—	—
REGION 23				
Albuquerque, NM	June Ballog	June Ballog	—	—
Hobbs, NM	Kerry Romine	Elaine Bartlett	—	—
La Cruces, NM	Donna Holland	Donna Holland	—	—
Santa Fe, NM	Maggie Rubino	Diana Capshaw	—	—
Roswell, NM	Leslie Jobe	Leslie Jobe	—	—

FALL SHOWS

REGION 14				
Tulare, CA	Laveme Cottet	Laveme Cottet	—	—
Place of Show	Silver Medal—Youth	Bronze Medal—Youth	Best Specimen—Youth	Exhibitor—Youth
REGION 5				
Milledgeville, GA	—	—	Heather Blush	Leigh Frazier
Spartanburg, SC	Marie Goforth	Tammy Goforth	Honorable	Andrea Johnson
Atlanta, GA	Danny Grace	Doug Grace	Buffy	Danny Grace
		Andrew Cohilas		
REGION 7				
Dresden, TN	Jennifer Mabe	—	Lacy Snowflake	Jennifer Mabe
Murfreesboro, TN	—	—	Acclamation	Kelly Watson
REGION 8				
Minneota, MN	—	—	Brahams Lullaby	Nicole Anderson
REGION 9				
Urbana, IL	Ann Millar	Jason Wilhoit	Flattery	Kris Kirkwood
REGION 13				
Richland, WA	—	—	First Endeador	Megon Fort
REGION 14				
Chico, CA	David Bracy	Doug Bracy	Space Lab	Doug Bracy
Redding, CA	Stephanie Brower	—	Going My Way	Stephanie Brower
San Jose, CA	Matt Rasmussen	—	Afternoon Delight	Matt Rasmussen
Ukiah, CA	Jovanna Schussel	Kendra Schussel	Howdy Do	Jovanna Schussel
REGION 17				
Iowa Park, TX	William Parker, III	—	—	—
REGION 18				
Augusta, KS	Mike Walz	David Manahan	Superstition	Seth Winzer
Garden City, KS	—	Kenny Smith	Shebas Beauty (AR)	Kenny Smith
Parsons, KS	Tyler Chapman	Travis Chapman	Raspberry Ripple	Kara Chapman
Washington, MO	Stephanie Rust	Ryhan Koch	Masharee	Stephanie Rust
Joplin, MO	—	—	Surf Rider	Travis Chapman
REGION 20				
Colorado Springs, CO	Jessica Knudtson	Anne Knudtson	Circus Stripes	Anne Knudtson
Denver, CO	Shelly Moller	Mike McCarthy	Southland Grape	Shelly Moller
REGION 21				
Gering, NE	Sara Schiecher	Melody Schreiner	Azure Lights	Stacy Smith
REGION 22				
Enid, OK	Monica Combrink	Brandon Hackett	One Line	Brandon Hackett

Tulsa, OK	Catherine Davis	Philip Stonecipher, Jr.	Cuddles (BB)	Catherine Davis
REGION 23				
Albuquerque, NM	Kurt Latimer	Shannon Latimer	Evelyn's Echo	Monica McGrath
Albuquerque, NM	Catherine Pagano	Shannon Latimer	Titan's Glory	Whitney McGrath

EDUCATIONAL AND COMMERCIAL

Place of Show	Educational Exhibit	Commercial Exhibit
REGION 3		
Dover, DE	Arthur O. Tucker	—
REGION 4		
Hendersonville, NC	Vickie Wentworth	Everette Lineberger
Roanoke, VA	Dennis Stoneburner	—
Virginia Beach, VA	Bill Smoot	—
Virginia Beach, VA	Bill Smoot	—
REGION 5		
Atlanta, GA	Historic Iris Preservation Society	—
Columbia, SC	John W. Wood	—
Milledgeville, GA	Miss Leigh Fraizer (Youth)	—
Spartanburg, SC	—	Everette Lineberger
Summerville, SC	Leora Moore	—
REGION 6		
Muncie, IN	John De Jung	—
Lansing, MI	Joan McComb	—
REGION 7		
Bowling Green, KY	Betty Wilkerson	—
Lebanon, TN	Bob & Margaret Joines	—
Louisville, KY	Sandra Hoh	—
REGION 13		
Kirkland, WA	Carla Lankow	—
Portland, OR	—	Aitken's Salmon Creek Grdns Schreiner's Iris Garden, Launie's Garden Aitken's Salmon Creek Gardens
Portland, OR	—	—
Richland, WA	Eldon & Doris Hale	—
Tacoma, WA	Carla Lankow	—
REGION 14		
Oakland, CA	Bob & Jean Brown	—
REGION 15		
Palmdale CA	Mary Duvall	—
Phoenix, AZ	—	Diane & Co., Kary Iris Gardens, Shepard Iris Garden
San Diego, CA	Thelma Carrington	—
REGION 17		
Fort Worth, TX	Megan Murphy	—
Joplin, TX	Laura Dolan Teverow	—
REGION 18		
Hays, KS	Geneva Dies	—
St. Louis, MO	Jean & James Morris	—
St. Louis, MO	Trisha Perry (Youth)	—
REGION 21		
Columbus, NE	Kelly Lant	—
Gering, NE	Virginia Harimon	—

Omaha, NE

Eight Mile Grove Gardens
Tim Staneck

REGION 22

Hot Springs, AR

Lawton, OK

Tulsa, OK

Lyle & Louise Trimble

Velma Bluford, Marjorie Puckett,

Maria & Howard Edwards

Paul W. Gossett

AMERICAN IRIS SOCIETY EXHIBITION CERTIFICATES ISSUED DURING THE 1992 SEASON

TALL BEARDED

Allen, James R.	T-22A	Innerst, Mr/Mrs. Sterling	2369-10
	88B	Johnson, Roy & Bev	92-5
Annand, Bob	89-18		90-4
Bitzer, Pat	69B89SCXMT	Johnson, Royal	Q-15
Black, Paul	A26C	Kegerise, Mrs. Grant D.	84-507
	8826-B	Kerr, Fred	8-17-1
	GOLD KIST	Knudtson, John & Jeri	85-14-R
Black, Polly	PAPA LEE	Knudtson, John	88-66-P
Bostwick, Cal	89-T-104	Koch, Bob	SDL 2-89-4
Bradshaw, Hall	91-5 (at 2 shows)	Lineberger, Everette	QHT131
Brown, Opal	90-1D5		QHT132
Brown, Randy	#888	Loughry, Robert J.	192-10
Burch, Jim	48-16 SET THE TONE	Lyons, Ray	84-32-2
Carr, Franklin E.	89-87 CHAR		82-43-A
Claussen, Chuck	89-23-15	Magee, Tom	8815C
Cook, Mark	922	Mallory, Robert	SBLLSCH
Coon, Milton	21-B	Marty, Betty	SL-85-3
	21-R	Mc Knew, Jane	89-7
	23-R		89-28
Doonan, Sara	83-9	Miller, David	DM85-9B
	86-19SS	Mueller, Adam	85-48-1
	85-8-1RS	Mullin, Ron	84-7X RHONDA FLEMING
Ensminger, Allan	87-58		84-511S
	EMS86-3Z	Nelson, Roger	RN8658BL
Fan, Chun	KNOTS LANDING		3-4WBS
Fort, Lyle	88-312-D	Nichols, Hooker	88-30-A RODEO STAR
Freund, Richard	F86B1		SCENE STEALER
Fritzgerald, Jack	JF-90		BOOGIE WOOGIE
Gass, John	G-83-18	Niswonger, Dave	79-89
Ghio, Joe	8753A3		66-89
Glasshoff, Roger	85S52	Norton, Joe & Maude	N-92-1
Hamner's Iris Garden	90-10	Plyler, Edith	12-89
	84-44	Richardson, Gerry	84-63-1
Harris, Jared	H-90-SH	Roberts, Ed	922
Haveman, Dave	9-85-14	Robarts, Evelyn	#531
Hummel, Jim	83-15M	Roberts, Joan	210-5
Ikeda, Paul	90A8-1	Robinson, Lucille	WS4N

Rogers, Francis	F935-A
	F737-A
Ross, Walker	SW-W13
	88-1
Schick, Oscar	90-03K15
Schifferli, Greg	1 HRA 3
Shepard, D. L.	8932-5
	8911
Shockey, Howard	89-218-A
	88-236-A
	89-207-A
	89-210-A
	89-211-E
Sides, Gary	C-4-E19B
Smith, Louise Clay	85-77 (1991)
Spoon, Don	92-15
Stadler, J. D.	J26-06
	J25-07
	R12-12
	N49-9
Stanek, Tim	88-27-B
Steinheimer, Morris	SUGAR SHELL
Stephenson, F. G.	82-14A
Stephens Lane Garden	7-VA x BB
Thrumman, Danial	86
Vizvarie, Chris	NW W1
Walz, Clancy	CA8-35-1T
Wilkerson, Betty	B83
Worel, Jack	3-4 WBS
Byers, Monty	G39-108
Marsh, Connell	Constant Companion
Stanek, Tim	89-120A

BORDER BEARDED

Burton, Lucy	L86-BK-22
Hamner, Bernard	85-206
Dyer, Floyd	D-78-88-D
Lytle, Truman	P2-81-57

INTERMEDIATE BEARDED

Black, Paul	91340C
Dyer, Floyd	D-80-88-I
Ensminger, Allan	381-74-HS5
Jones, Evelyn	I-88-1-1
Robinson, Lucille	WS4N
Smith, Marky	89-27-A
Stanek, Tim	89-117A
Tankesley-Clark, Eric	912-A
Willott, Tony & Dorothy	WINGS OF LOVE
	92-169

MINIATURE TALL BEARDED

Brenner, Francis	C5
Ennenga, James	E80-7-2
Sobek, Robert	84-MT-11C
Willott, Tony & Dorothy	89-91

STANDARD DWARF BEARDED

Aitken, Terry	88M49
	OH-15-2
Black, Paul	91318A
	A504A
	89221F
	91328E
	91316C
	90-45-4
Chapman, Chuck	FM x SDLG
Hagberg, Marge	88-508
Haveman, Merry	J88-DZ-RV-ES
Jeffries, Bob	410
Johnson, David L.	400-1
Jones, Bennett	399-2
	92-5
Kremer, Ken & Sue	OH-15-2
Lankow, Carol/Aitken, Terry	S81
Lemmer, Sandra J.	87-21-B
Marsh, Barb & Connell	#90
Shoup, Marvin	87/26/A
Waite, Kenneth	

MINIATURE DWARF BEARDED

Smith, Leslie	90-1 x ZIPPER bee pod
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ARIL / ARILBRED

Danielson, Luella	90-1
	7-8-OH
Gadd, Fred	PATRIOT'S GEM
Ross, Walker	SW-W13
Shockey, Howard	85-40-9A
	73-52-6A
	77-72-4A
	90-112-BZ
	80-21-3J
	9-22.4
Vossen, C.	AB63-3
Wight, John	

JAPANESE

Aiken, Terry	86-J-11
Ackerman, Wm	G9-37
Bauer/Coble	J83-A25
	J82-A25
	A4-4-91
	J84CA-1
	J82A-A25 (2 shows)

Copeland, Jill	C-1	Wood, John W	W-115-85
Delmez, Don	WI-DR1		
	BV05-1	CALIFORNICAE	
	DDKBVW-1	Abbey Gardens	87-16K
	VOBV-1	Belardi, Lois	PDI-1
	MBSW-1	Carpenter, Peggy	PCN-C2C
Dienstbach, Marie	1692	Eader, F. D.	C86-S-36
	1492	Farmer, Pat	CARRIE DAWN Sibling
Hirao, Dr. Suichi	SH3	Gasser, Judith	PCN #92-1
	SH4	Lawyer, Lewis	XP210C
McEwen, Currier	T6-87-14-2	Marchant, John	PCN3357
Reid, Lorena	9J35-2G	Silverberg, Dave	PCI 87-16K
	9J43-2G	Wood, Vern	PCN90-39
Spoon, Don M.	#2		90-17
Waddick, Jim	HBG 1		90-22
Wood, John W.	W-105-91		
	W-115-85	LOUISIANA	
Innerst, Sterling	1597-1	Goula, Dick	LYNN HANTEL
	2812-1	Haymon, Dorman	7-85-1
		Ikeda, Paul	90-A8-1
SIBERIAN		Powell, Marge	88-LA-2
Baier, Kenneth	8-11-40	Mertzweiller, Joseph K.	74-22
Bellagamba, Louise	S-191		
Butler, Mr/Mrs. Richard	#476	SPURIA	
Harder, Larry	81-1	Latimer, Kurt	87-B-21S
Helsley, Calvin	89-2	McCown, Eleanor	88-1
McEwen, Currier	M84-100	Shepard, D. L.	91FF-8962
Miller, Anna Mae	87.17.2		
Schafer/Sacks	S89-11-1	SPECIES	
	S89-15-1	Brenner, Francis	C5 (Pumila)
Tiffney/Pope	92-BS	Derr, Joanne	E-12-S (Versicolor)
Wilhoit, Jerry	90-JW	Reid, Lorena	BL FLY M. OPG 88-1G
	W-2		

1992 JAPANESE IRIS AWARDS

PAYNE AWARD

JAPANESE PINWHEEL (C. McEWEN) 28 Votes

(runners-up)

EDGE OF FROST (M. DEINSTBACH) 17 Votes

WINE RUFFLES (W. ACKERMAN) 17 Votes

CASCADE CREST (T. AITKEN) 15 Votes

HONORABLE MENTION

VOTES

36 ELECTRIC RAYS (T. AITKEN)

24 JOY PETERS (W.
ACKERMAN)

19 AMETHYST WINGS (W.
ACKERMAN)

19 LITTLE SNOWMAN (A. VOGT)

18 SOUTHERN SON (C.
McEWEN)

16 SILVERBAND (B. BAUER/J.
COBLE)

11 FUJI'S SNOWCAP (G. BUSH)

11 LITTLE SNOWBALL (A.
VOGT)

- 11 SPARKLING SAPPHIRE (A.
Vogt)
- 10 POPULAR DEMAND (C.
McEWEN)
- 10 WILDERNESS RUBIES (J.
WOOD)

HIGH COMMENDATION

- AITKEN, T.
5 86-1-9
- BAUER, B./COBLE, J.
8 J82-A-25
7 J83 J1
6 J88 H3

HIGH COMMENDATION—1992

TALL BEARDED

- BURCH, J.
6 44-7
- BLACK, P.
5 8774A
- CARR, F.
5 TRIBUNE
- GÄTTY, J.
8 T23-5
7 T1-2
- GADDIE, G.
8 TRANQUILINO
5 336-6
- HOAGE, J.
5 87-74-1
- HAGER, B.
15 T4840-3B1
- INNERST, S.
7 2336-3
6 2369-10
- KERR, F.
67B-29-1
- LEVITT, M.
6 H-M-102
5 MISS PRETTY
- MULLIN, R.
9 RHONDA FLEMING (84-7X)
- OSBORNE, M.
8 945
- SCHIFFERLI, G.
5 ELAINE'S ANGEL
- STADLER, J. D.
6 CAPED CRUSADER (J25/07)
- SCHREINERS
5 AA1540-1

- TURNER, H.
5 5-86-1

BORDER BEARDED

- DURRANCE J.
5 ONE LITTLE PINKIE (D86-56)
- LYONS, R.
7 LY82-46-2

INTERMEDIATE BEARDED

- BOSWELL, C.
9 84-79-1
- WILLOTT, A. & D.
6 92-169
6 91-374
5 WINGS OF LOVE

STANDARD DWARF BEARDED

- WILLOTT, A. & D.
7 85-28
6 91-136
6 88-35

MINIATURE DWARF BEARDED

- WILLOTT, A. & D.
6 91-13
6 91-89

ARILBRED

- GADD, F.
7 PATRIOT'S GEM

SIBERIAN

- HOLLINGWORTH, R.
25 85B3B10
5 87P1B6

LOUISIANA

ROWLAN, H.

5 87LA27

CALIFORNICAE

KIYOMOTO, R.

7 86K-8000-1

6 86K-145-3

FURTHER NOTES ABOUT VERSCOLOR-ENSATA HYBRIDS

Monique Dumas-Quesnel (Canada)

We would like to rectify what we had called our *Iris versicolor* X *Iris ensata* hybrids previously. In the April 1991 Bulletin we referred to them as *ensacolor* hybrids. After many consultations, we agree that it would be more appropriate, botanically speaking, to use the term *Iris x versata* instead, as this reflects the fact that *I. versicolor* is the pod parent and *I. ensata* (kaempferi) the pollen parent.

We are trying to make the reverse cross (*ensata* as pod parent and *versicolor* as pollen parent). Any resulting hybrids should then be called *Iris x ensacolor*, but so far we have been unsuccessful in making this cross.

We have backcrossed *I. x versata* with both parents, *I. versicolor* and *I. ensata*, and the results are very exciting. *Iris x versata* is only partially fertile and produces few good seeds.

The plants obtained by backcrossing *I. x versata* with *versicolor* show a great diversity of color, shape and vigor. Colors are often velvety and rich, with almost no white and yellow center, creating a deeper effect than *versicolor* itself. The fertility is also completely restored, the new plants producing plenty of good seeds. Their characteristics are more on the *versicolor* side, but the *ensata* touch brings great improvement. Their chromosome count is $2n = 120$, since *versicolor* gave $n = 54$ and *I. x versata* gave all 66 chromosomes (unreduced gametes). We have much selection to do among these plants due to their great number and diversity.

Backcrossing *I. x versata* with *I. ensata* is more difficult. Until now we have obtained only one plant from this cross, but the result is extraordinary, thus allowing great expectations for further results in this direction. The plant won an exhibition certificate in the seedling class of the Iris Society of Massachusetts show in Waltham in 1991 and will soon be registered; its seedling number is 90-X-DOM-064. The chromosome count is $2n = 78$, 12 chromosomes from the *ensata* parent and *x-versata* giving its full 66 in an unreduced female gamete. The plants seem completely sterile; it is very vigorous and the flowers are very special.

Some of these new hybrids will be on display as guests at the AIS convention at Salem in 1994. Slides of our research program at W. H. Perron & Co. are presently being made up and will be available through SIGNA in 1993.

WHAT DO YOU EXPECT FROM AIS AND WHAT YOU CAN DO FOR AIS . .

Audrey Machulak (Wisconsin)

As a dues paying member to any organization you have expectations. You expect the organization to be led by a president who is familiar with the bylaws, knows the duties of each of his officers, is a good disciplinarian, and has some business knowledge. You expect qualified board members who can function as a group, make wise decisions, and handle money matters wisely.

For the AIS member the picture changes from this point, because becoming involved is now the name of the game. Involvement on the local and regional level by all members results in their growing, learning and sharing their love for irises.

Enthusiasm is contagious. This is the time that a member must ask, "What can I do for AIS?"

Knowing who the officers are gives a member a feeling of belonging. You may not know each one personally, but at least know their names and be able to recognize them if you see their pictures. If the opportunity arises that you are able to introduce yourself to them, do so.

Get to know the duties of each officer, and, if a problem develops, know whom to contact. You will get faster results if your problem is directed to the source for help. Sometimes solutions can be time-consuming, so be reasonably patient.

Please pay your dues on time because it costs the society money to send reminders. You will want to remain a member, so why not pay dues on the first reminder? And in the event you must change your address, notify the membership chairman immediately. Again, it costs the society money to mail a bulletin to your old address.

Many good articles are written by irisarians and appear in local newsletters and get no farther. Let's share these fine articles with regional editors and even the national bulletin editor. Editors need all the help they can get and something they never have enough of is articles for their publications.

It may necessitate some budget-adjusting, but every AIS member should attend at least one convention in his or her lifetime. Putting on a convention is a tremendous job, and as members, we really owe our support to the group which is hosting the convention. Conventions are held in all parts of the country, and sooner or later there will be one held reasonably close to your home. Plan to attend one in the near future. Besides seeing the newest irises, attending meetings, and making new friends, you'll become more deeply involved in AIS . . . and that's what we want to see happen.

Be an AIS promoter. You can never tell when the opportunity might arise to spread the word about AIS and possibly gain a member or two. If you are in AIS for a hobby or as a part of a business, irises are involved, and it is up to you to speak for them. Whether you enjoy irises for their extraordinary beauty or for the challenge they present, let the world around you know about The American Iris Society.

ARILIAN ACRES

Howard Shockey
4611 Rio Grande Lane, N.W. Albuquerque, NM 87107

1993 INTRODUCTIONS *Pictured on Inside Front Cover*

- NORDIC ICE** (H. Shockey) TB M 35". Very large cool white flushed blue in center. Semi-flaring, round, ruffled falls of exceptional substance have sap-green veining and blue beards heavily frosted white. A new standard for this color class. Husky, vigorous plants with strong stalks. \$30.00
- ORANGE EMBERS** (H. Shockey) TB M 34". Bright medium dark orange with large, vibrant, fuzzy orange-red beards. Central areas of standards are rose blending to pink. Could well have been named "Energizer," for it blooms—and blooms—and blooms. Up to 11 buds from three triple sockets and one double socket. Very strong, husky grower with heavy bloom and good increase. \$30.00
- ATTEN** (H. Shockey) AB ½ (OGB) M 27". Appears to be a ¾-bred with recurring falls, 1⅛" wide near black signals, and broad onco-type bronze beards, but it is a fully fertile 1/2-bred. Orchid-violet standards with light ground falls overlaid rose-violet. Very aril appearing for a 1/2-bred \$25.00
- QUEEN SHEBA** (H. Shockey) AB ½ (OGB) M 28". Very pale orchid-violet standards. Recurved, broad, pale buff falls with very large, sharp, chevron signals of dark burgundy which sometimes measure a full 1⅛" wide. Fully fertile. \$25.00

1993 Introduction—Not Pictured

- RED SANDS** (H. Shockey) AB 1/2 (OGB) M 28". Rose-orchid standards. Recurved falls are light buff with rose overlay. Large, sharp brown-black signals. Fully fertile. \$25.00

Previous Introductions

- LUNAR FLAME** '92 TB. Vigorous, well-branched medium yellow with bright orange-red beards. Very strongly perfumed \$22.00
- LOVE BLUSH** '91 TB. Peach and white beauty w/pink flushed stds, orange-red beards and show stock branching \$17.00
- LACY MOON** '91 TB. Tall, heavily laced medium yellow with light tangerine beards. \$17.00
- SERAPH'S JEWEL** '92 AB 1/2 (OGB). Pristine white with sharp grayed maroon signals. \$18.00
- TURKISH HERALD** '92 AB 1/2 (OGB). Orchid-violet stds. Buff falls with large, sharp, dark signals. \$18.00
- TURKISH PENDANT** '90 AB 1/2 (OGB). Near yellow amoena with large, sharp, dark half-moon signals. \$10.00

NO CATALOG

Prepaid AIRMAIL shipment—July 15-August 15



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5-88 (Cabaret Royale x Son of Star) X Queen in Calico
laced apricot - pink - orchid standards and style crests, flaring red
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Watch for advertisement in the April Bulletin

SIBERIAN IRIS CONVENTION



EAST LANSING, MICHIGAN

June 11-13th 1993

The Iris Connoisseurs of Michigan group invite you to the first ever Siberian Iris Convention and we are excited about being hosts to Siberian lovers from all over the country and abroad.

Registration will include a Friday night get-together, Saturday bus service to the five host gardens and a Jim Copeland "Famous Fish Fry" lunch, Saturday evening banquet, Sunday buffet breakfast, judges' training and barbecue lunch.

Registration fee: \$85 if paid by April 1, \$105 thereafter. Refunds cannot be guaranteed after May 1. Registrations limited to 200 people on a first come first serve basis. Partial registrations are available.

Paul and Carol Morgan, Registrars

G1384 Westwood Drive, Flint MI 48532-2665

Make checks payable to Iris Connoisseurs of Michigan.

Announcing 1993 Introductions of

B.J. Brown

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CATAWBA CAMOUFLAGE (BJB) Sdlg 0189. TB, 30" (76cm) E-M. S. tan with violet infusion at base; F. tan, violet infusion at hafts; yellow beards. French Vanilla X Field Day. EC 1989 \$30.00

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QUEEN CHARLOTTE (BJB) Sdlg 2288. TB 32" (81cm) E. Pale pink self; pale pink beards, tipped white; slight fragrance. Vanity X 1384 (Nefertiti x Scintillation) \$30.00

ELEANOR YATES (BJB) Sdlg 0588 TB, 30" (76cm), E-M. S. white; F. white, edged yellow, yellow hafts; yellow beards tipped white. In honor of Eleanor B. Yates, '93 Pres., Nat'l Council of Garden Clubs. Starring Role X Light Years \$30.00

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425 East Luna

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1993 Introductions

DRIFTING TIDE (Henry Danielson by Mrs. Henry (Luella) Danielson). Sdlg. HD-11. AB (OGB), 25" M. S. lavender-blue with a touch of green at midrib. Deeper lavender-blue style arms and crests. F. lavender-blue with green touch intensifying toward edge. Violet signal line markings and black beards. Dee Mouse X Pleasure Ahead \$20.00

BRIDESMAID'S APPAREL (Luella Danielson). Sdlg. LD 4-09. AB (OGB), 30", M. S. orchid-lavender. Style crests same with light blue line markings; light yellow style arms with dark lavender at center. F. yellow-green, sparse blue veining from raspberry maroon eyelash signal, maroon-black beards. The pink glow in the beard area and on the hafts puts the finishing touch to this flower. Fragrant. (A86-2 x Dee Mouse) X For Pleasure. \$20.00

GALILEE PRINCE (Luella Danielson). Sdlg. BP 82-6. AR (OH), 14", E. S. ruffled and nicely closed deep rose-wine with darker dense veining. Style crests same. F. black rose-wine, shading lighter toward hafts with dark (almost black) veining. Black signal and maroon-black beards. (Charon x L. Clark sdlg.) X (I. mariae x I. atropurpurea) \$20.00

Phone 505/824-4299

Your response to SNOW PRINCE and HOLDEN'S CHILD has shown us that Irisarians are interested in something different.

HOLDEN'S CHILD (Tiffney '91), 28", M-L

(Holden Clough X self) \$10.00

A wide apogon hybrid that makes the most vigorous clump in our garden. The red-purple flowers are held above the foliage on multi-branched stalks. After blooming, the lush foliage is a welcome addition to the perennial garden. Its pod parent, Holden Clough, is now presumed to be a cross of *I. pseudacorus* and *I. foetidissima*.

SNOW PRINCE (Tiffney '90). SIB (diploid), 34", E-M \$10.00

S. pure white; F. creamy ivory with blue central signal and light butterscotch haft markings nearly covered by white style arms. 2½" flowers, 3 terminal buds and 2 branches with 2 buds each. Eye-catching. HM 1992.

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5:30 PM Pot Luck Buffet
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SUNDAY

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Dick Sloan, Instructor
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MEDIAN SPREE IN '93

sponsored by the Sooner State Iris Society

April 15 to 18, 1993

Oklahoma City, Oklahoma

The Oklahoma City area has become well known for its contribution to median irises by its hybridizers. The interest and popularity of medians is strong, and we grow dozens of new varieties in the local gardens each year. Based on the enthusiastic response to the Boston Median Muster in 1989 and the resounding success of the AIS National Convention hosted here in Oklahoma City in 1988, we thought "Why not?". What better way to showcase our own work and give visitors the opportunity to come see the newest and best in the median world today, than to host a median convention. We invite you to come join us.

Over 50 different median hybridizers have contributed just over 1,500 guest plants to the Median Spree. These have been distributed to eight tour gardens—all in the Oklahoma City metro area within a 30-mile radius of the convention hotel. All classes of medians are represented at this convention. The convention dates coincide with our normal peak IB season; therefore, you should see plenty of bloom in most of the classes. Note that these dates are immediately before the start of the AIS National Convention (beginning April 20), making it convenient to go straight to Fort Worth at the conclusion of the Median Spree.

Our goal has been to provide our guests with a "no frills" convention, with a modest registration fee and sensible hotel rates and accommodations. We figure you're here to see the irises, so we have scheduled a *minimum* of 1 1/4 hours per garden during the two days, so you won't be rushed.

SCHEDULE OF EVENTS:

Thursday, April 15, 1993:

Friday and Saturday, April 16-17, 1993:

Sunday, April 18, 1993:

Registration and Welcome Banquet

Garden Tours (Open Evenings)

Awards Luncheon, Iris Show, and

Garden Judges Training School

CONVENTION HEADQUARTERS:

Holiday Inn Northwest

3535 N.W. 39th Expressway (just off I-44)

Oklahoma City, OK 73112

(405) 947-2351

Toll Free: 1-800-465-4329

Rate: \$44.00 (1-4 persons per

room). Be sure to state that

you are attending the Iris

Convention when you make your

reservations to guarantee rate.

REGISTRATION FEES:

Postmarked before March 15, 1993:

\$ 60.00

Postmarked after March 15, 1993:

\$120.00

Youth Registration (18 and under):

\$ 40.00

Registration Cut-off Date: April 1, 1993 (no refunds for cancellations honored after this date).

Mail your registration to:

Wilma Bryant, Median Spree Registrar

500 W. Lockheed Drive

Midwest City, OK 73110

(405) 732-2412

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1993 IRIS CALENDAR!

For the fourth year RORIS GARDENS is offering our big, beautiful IRIS CALENDAR. The large format (15" X 20") features a stunning color iris photo for every month. This calendar is quickly becoming a collector's item. Last year's calendar went fast so please order quickly!

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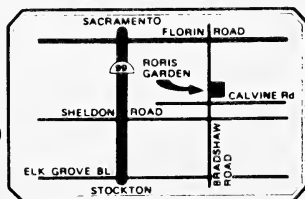
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1993 Introduction

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ATTENTION HYBRIDIZERS

The Sooner State Iris Society
is pleased to announce the fourteenth annual

POLLEN DAUBERS' SEMINAR

February 26-27, 1993

The Society is pleased to feature

TERRY AITKEN

on hybridizing a variety of types of irises

Festivities begin on February 26 at 7:30 p.m. with the first yearly meeting of the Society. Our guest expert will give the program (no charge). On the 27th, Pollen Daubers' sessions will be held from 9:00 a.m. to 3:00 p.m. (\$20.00 per person). For assistance, write:

Dr. William E. Jones

2312 Butternut Place

1-405-478-3498

Edmond, OK 73013

or come at 6:00 p.m. on February 26, 1993, to

Will Rogers Garden Center, 3400 N.W. 36 St., Oklahoma City

In Memoriam

George Ashworth (Missouri)

Vernon C. Stoutmeyer (California)

Eileen Barnett (California)

Joseph Petersen (Virginia)

Mr. L. W. Beeman (California)

Mrs. Z. R. Prentiss (Ohio)

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Irma Torrey (Kansas)

Dorothea M. Marquart (Pennsylvania)

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George Mayberry (Utah)

CONTRIBUTIONS AND MEMORIAL GIFTS

AMERICAN IRIS SOCIETY: Send to The American Iris Society, Jeane Stayer, Secretary, 7414 E. 60th St., Tulsa, OK 74145.

AMERICAN IRIS SOCIETY FOUNDATION: Send to AIS Foundation, Richard T. Pettijohn, Treasurer, 122 S. 39th, Apt. 604, Omaha, NE 68131. Donations to the Foundation and AIS are tax deductible.

Note: please include name and address of next-of-kin pertaining to memorial gifts, so that a card of acknowledgment may be sent. Checks should be payable to the American Iris Society or the American Iris Society Foundation.

CONTRIBUTIONS TO THE AMERICAN IRIS SOCIETY FOUNDATION

April 1, 1992 to September 30, 1992

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Bernard and Celeste Hamner (CA)

Bob Brooks (CA)

Carol Ramsey (KS)

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DR. LOOMIS MEMORIAL IRIS TEST GARDENS

Mike Moller (Colorado)

What a year for the Dr. Loomis Gardens. The bloom started in mid April and the Japanese irises were blooming in late July. We have had an exceptional year of outstanding irises. The irises that actually won Loomis Awards were great, but many other irises were just as deserving.

We had literally hundreds of visitors during bloom season. Many people attended the guided tours that we offer. I also conducted three judges training sessions at the garden. Judges from Regions 17, 20, & 23 attended. We also had one very special visitor, Jim Wilson, of Victory Garden fame. He was really amazed to see all the advances in iris hybridizing today. He left with an assurance that he would try to get the Loomis Garden taped in 1993, for a segment of The Victory Garden. New hybridizers continue to send irises to the garden, and we received some irises from Italy.

The 3-Year TB Class—This class was loaded with outstanding flowers. The Loomis winner in this class was BRASS TRIO (85), by Bob Dunn. A beautiful golden brown with purple blend. Strong stalks that put on a show for a very long bloom period. Right behind was MARGARET VIOLA WHITE (84), last year's winner in this class. This iris is a very light blue-white with dark beards. It had 10 buds on stalks that were 46 inches tall! Even with all this height the iris was totally wind resistant in a very windy spring. ICE FESTIVAL (83) by Jim Hedgecock, put on quite a show with 12 strong bloomstalks supporting 11 buds. DRACULA'S SHADOW (81) was another outstanding Hedgecock iris. This black-purple was a favorite of many who visited the garden. Another iris that scored 81 points was MARIA TORMENA. This Ensminger variegated iris has pinkish flowers with purple splashes. No two flowers are alike, and with 12 bloomstalks you really get a chance to prove this theory. JAZZEBEL (80) by Ensminger has proved to be an outstanding garden iris all three years. AMERICA'S CUP (80) by McWhirter had strong stalks holding 9 buds of a beautiful white self. TRUE VALOR (78) by Ed Roberts had perfect stalks holding huge blue flowers. Other top irises in this class were: JAZZ JUBILEE (77), ORANGE JEWELIUS (77), BETTY FRANCES (76), COMANCHE WARRIOR (76), PUNKIN PATCH (76), HALO IN PINK (75), GOLDEN IDOL (73), FROSTED SAPPHIRE (73), Mallory seedling GTSS (73), and TRAX (73).

The 2-Year TB Class—The Loomis winner in this class was LOIS RAINER (80) by Jack Durrance, a very striking pink with 6 bloomstalks on a 2-year plant. In 2nd place was another pink Durrance iris, NORMA JEAN (78). This iris won a Loomis Award last year. Tied for 2nd place was a Hedgecock iris, SON OF DRACULA (78), a black-purple with very nice ruffling for a black iris. DESIGNER JEANS (76) by Bob Dunn was a great blue flower with outstanding form and substance. Frank Rogers hybridized the next two irises GILDED MORN (76) and seedling F239-B (76). Both irises had good form and substance. Franklin Carr's TRIBUNE (76) had good plant habits and a high bud count.

Other top irises in this class were: BEGUINE (75), Knudtson seedling 85-14-R (74), Mary Dunn seedling M84-925, now named OBA OBA, (74) Byers seedling G60-1 (72), SPRING SONATA (72), Hedgecock seedling 84-25-4 (71), Black seedling 89U18 (71), and SUMMIT DAWN (71).

The 1-Year TB Class—We had a tie in this class for first place. HOT TO TROT (76) a nice yellow, red, & gold plicata by Jim McWhirter and PACIFIC OVER-TURES (76) a mid to darker blue by Denny/McWhirter. Both flowers had outstanding growth on 1-year plants. At 75 points we had two fine irises, 3093-1 by Sterling Interest and GRAPE CHARM by Stan Dexter. 3093-1 is a very interesting plicata with purple white plic standards and yellow white plic falls. GRAPE CHARM is purple with diamond dusting that really shows well in the garden. CONTRITE (74) by Innerst, was a nice laced pink with very strong stalks and good form on the flowers. F54-1 (74) is an interesting horned iris by Monty Byers. NSMF-1 (74) a seedling from Euer of California, had the best growth of any 1-year TB with 10 increases.

Other top irises in this class were: FREDA LAURA (72), WHIPSTITCH (72), OPENING ACT (71), and BUTTERSCOTCH ROUNDUP (70).

The 3-Year BB Class—This class was dominated by Loomis Winner ZINC PINK (84). This Ensminger iris stays in class with coloring and ruffles that make it a pleasure to have in the garden. Second place in this class went to MAID OF ORANGE (77) by Terry Aitken, an outstanding intense orange color with 12 bloomstalks. NUSS-3 (74), a seedling by Mallory, had light peach standards with orange falls. A huge clump, but most stalks were growing out of BB class. I hope he introduces it as a TB. SEMPER FI (73) with yellow standards and red falls was well liked by garden visitors.

The 2-Year BB Class—CAIRO LADY (84) by Ray Lyons was the Loomis winner. This has to be Ray's best introduction. I hope everyone gets to see this outstanding iris in our video production. It has old gold standards, with maroon-black falls. This 2-year plant had 24 fans, 17 bloomstalks with 9 buds. Every stalk and flower was in class for a BB iris. Second in this class was FAUX PAS (76), a very beautiful, but hard to describe, plicata from Keith Keppel. RED ROOSTER (74) by Jack Durrance is an outstanding red iris. Ray Lyons has a seedling, LY82-46-2 (70), that is slightly darker red but also very nice.

The 1-Year BB Class—This class was topped by ANNIE MC (76), an introduction by Dave Miller. A very nice ruffled and laced white with red beard give this iris distinction in its class.

The 3-Year IB Class—This group of 14 irises was the most outstanding show in the garden. The Loomis winner was MORNING SHOW (85) by Allan Ensminger. This iris has a great red color along with outstanding stalk and branching. Second place was a tie of two other Ensminger irises, BLUE EYED BLOND (83) and JOHN (83). BLUE EYED BLOND is a very distinctive yellow iris with blue beard. JOHN was last year's Loomis winner, and this year it put on quite a show. 60+ fans with 44 bloomstalks made a huge clump of flowers. Other notable irises in this class are HOT SPICE (79), ERECT (76), BASSO (75), HERS (75), HIS (74), PACER (74), KERMIT (71), HUBBUB (70).

The 2-Year IB Class—The leader in this class was NECTAR (77) by Keith Keppel. Another difficult to describe plicata, this iris had 32 fans and 17 bloomstalks. Nothing else in the class displayed this type of growth. Second, was BROADWAY BABY (76) by Joe Gatty. This BROADWAY colored IB is very unusual and distinctive. Other notable irises in this class were: Byers seedling G13-2 (72), LITTLE BIG HORN (72), and HOT WHEELS (70).

The 1-Year IB Class—This is a large class that may rival the 3-Year display someday. The top iris this year was ORANGE PETALS (81), introduced by Dave Niswonger. It has great color of light peach-white standards over orange falls. Good growth and 7 buds. COME SEE (77) by Ensminger is another fine intermediate by this hybridizer.

The 3-Year SDB Class—This class had 24 entries, but the top 5 irises were all Paul Black introductions. The Loomis winner was TENDER TEARS (84). This gold-brown iris had 60 + fans and 35 + bloomstalks. The color and form were outstanding. Second place was CAR HOP (83), a very unusual blue iris. PAT-ACAKE (81) is a very nice light orange self. Other notable irises in the class were: MARY'S LAMB (82), BLUE NEON (80), DARK CRYSTAL (80), GREEN WITH ENVY (77), SASS WITH CLASS (75), FORTE (72), TUTU TURQUOISE (72), RUBY LOCKETT (71), and BUNNY HOP (70).

The 1-Year SDB Class—The Loomis winner is VELVET HAMMER (83) by Chris Vizvarie. This Oklahoma-bred iris had beautiful, wide, ruffled, flaring falls. This iris slowly put up stalks which extended its bloom season to nine weeks. Second place was clearly the largest 2-year SDB. PRIVILEGED CHARACTER (78) had 60 + fans and 40 + bloomstalks.

The 2-Year SDB Class—The leader of this class was seedling H39-1 (76) by Monty Byers. This SDB is a gold-brown plicata. The runner-up in this class was a second plant of H39-1 (75). Third place was SERENITY PRAYER (68) by Perry Dyer. This iris had the best plant habits and growth but scored down somewhat because the bloomstalks were only 6 inches high.

The 2-Year SIB Class—All Siberians in the garden did extremely well, but the Loomis winner was a seedling, 85-17-18 (83) by Anna Mae Miller. This striking yellow iris had 10 bloomstalks and 4 buds per stalk that bloomed for over 4 weeks' time. Other fine SIB's were AQUA WHISPERS (75), LIBERTY HILLS (73), and ALMOST A MELODY (68).

The 2-Year Japanese Class—A tough test for this class, but ROSE FRAPPE (77) by Anna Mae Miller was the top iris. This iris had 4 bloomstalks showing off some very large flowers. Second place was Anna Mae's RASPBERRY JAM (73).

Two Monty Byers irises, CANTINA and F13-102, rebloomed. Cantina put up 1 stalk of fair quality. F13-102 had 3 outstanding show stalks with fourteen buds on each stalk. In the spring it had 1 stalk with seven buds.

I wish to thank the many hybridizers who continue to test their irises in Colorado. We also continue to receive irises from relatively unknown hybridizers. It is great to see the irises from these new hybridizers. This garden gives everyone an insight into the future, and it is exciting.

Many AIS members have written letters to me, asking how they could get a full

garden report. Currently, I send the report to every hybridizer who has an iris in the garden. This year, I polled the hybridizers and asked them if they would want this information out to the general public. This report is currently 28 pages long and lists the successes and failures. Nine out of ten hybridizers felt the general public should be allowed to purchase the report. The few negative complaints are very important considerations. One hybridizer thought that judges may use the report to vote the ballot instead of visiting gardens and judging in their own garden. Another hybridizer thought that an iris that rotted or scored extremely low might be ruined for future sales. I'm really on the fence when it comes to this issue. If anyone has some thoughts on this report, please write.

Mike Moller, 3455 Vallejo Court, Colorado Springs, CO 80918

XXXVI CONCORSO INTERNAZIONALE DELL'IRIS

Margie Robinson (Kansas)

It was a great pleasure to serve as the American judge in the International Iris Competition in Florence, Italy. I hope I am able to give you a glimpse of some of the activities that took place at this special event.

It took a great deal of work on the part of the members of the Italian Iris Society to organize this event. The committee had to be responsible for many valuable rhizomes sent in by hybridizers from all over the world. Each year the plants are set into iris beds located on the gently sloping hillside just below the magnificent Square of Michelangelo. Olive trees offer light shade around the beds. The irises must grow three years before they are judged.

From five to seven judges are chosen for each year's competition. For many years, Bebe Pacciani masterminded its organization. This great lady has now turned over the burden of responsibility to Lorena March who has capably assisted her in years past.

The 36th competition was held in mid May, 1992. The work involved in judging was considerable, but at the same time, it gave each one of us great pleasure. We six judges worked five days judging in the garden, point scoring each plant. Each plant was code numbered. We did not know the name of any iris nor its hybridizer. Many hours were spent around the lunch table discussing our conclusions.

Behind the scene, we judges developed great respect and friendship toward one another. We elected Mr. Ray Jeffs, from England, as our President. It was his duty to speak at the final awards ceremony. These were the five other judges:

Mr. Izidor Golob of Slovenia
Mr. Graeme Grosvenor of Australia
Mrs. Margaret Cameron Longo of Italy
Mrs. Margie L. Robinson of the USA
Dr. Prit Van Veen of Switzerland

Mr. Ian Smith, from England, was very helpful to us as coordinator for all our activities.

There was time for other experiences in the beautiful city of Florence—periods of free time to shop and enjoy the museums. Professor and Mrs. Orsi entertained us in their home, as did many other gracious people whose warmth and consideration will never be forgotten. The food we were served was excellent, and the portions were generous!

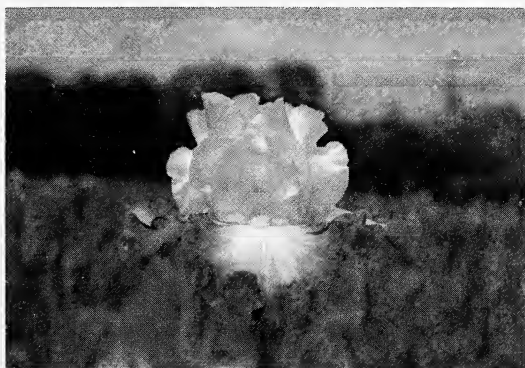
On our final day, the morning sky was clear and blue, the same as it had been for the whole week. It was the 16th of May, a most memorable one. In keeping with tradition, the judges walked to the Palazzo Vecchio, hand-carrying in separate vases the gold medal winner and the winner of the “Best Red Iris”—a red iris is the emblem of the City of Florence. Each year, a special award is presented to the hybridizer who produces a red iris nearest to the color of the red iris displayed on the flag. As we entered the large hall in the Vecchio Palace, several hundred people had gathered. All the trophies and medals were arranged on a large display table at the front of the room. At the speaker’s table sat visiting dignitaries; Professor Sergio Orsi, President of the Italian Iris Society; and Mr. Ray Jeffs, President of the Judges Jury. The sound of trumpets heralded the opening of the awards ceremony. The trumpeteers were dressed in red velvet costumes and stood at attention throughout the program. Paul Black’s name was announced as the gold medal winner, and his award was accepted for him by Dr. Timothy Robinson of the United States. Schreiners were announced winners of second place, and their award was accepted for them by Sylvia Robinson of the United States.

After all the excitement of the awards ceremony, we were seated at an elegant, many-coursed luncheon in a restaurant high above the city, giving us one long, last view of the beauty below. It was soon time to bid farewell to our friends and the golden city of Firenze. Arrivederci!

SIGHS AND WHISPERS

1992 Premio Firenze Winner

Paul Black’s SIGHS AND WHISPERS was selected as the top prize winner at the competition in Florence, Italy in 1992. (Photo by Paul Black).



BYLAWS REVISION ELECTION RESULTS

Jeane Stayer

At the spring meeting in Atlanta, Georgia, the AIS Board of Directors authorized a mail ballot proposing changes to the AIS Bylaws. In accordance with this authorization, copies of the proposed changes, and ballots were mailed to all members on July 31, 1992, with instructions to vote the ballot and mail to the AIS Secretary so that they would be received on or before September 1, 1992. A total of 1,490 ballots (1,471 US and Canada, 19 Foreign) were received by the deadline. The ballot results were as follows:

Total Ballots Received: 1,490

Yes:	1,348	or	90.5%
No:	52	or	3.5%
Abstain:	53	or	3.5%
Invalid:	37	or	2.5%

The results were announced at the AIS fall board meeting held in Overland Park, Kansas, October 30-31, November 1, 1992. Immediately following the announcement of the results, the Board acknowledged the changes as being accepted and therefore considered as adopted at the time of announcement.

Total cost of the mail ballot:

Printing, paper and envelopes:	\$1,058.00
tax	79.35

\$1,137.35

Postage and mailing costs:	2,516.16
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TOTAL COST: \$3,653.51

'92 CHANGES IN AIS BY-LAWS

The following items from the AIS by-laws show the articles as they have been approved. Anyone with copies of the by-laws should make these changes.

Article III, Sec. 3: AIS members interested in a particular group of irises may establish a separate organization which may be chartered by the AIS as a Section. Membership in the AIS shall be a prerequisite to membership in any Section. Other prerequisites for obtaining and maintaining a Charter as a Section, and the privileges granted to Sections and their members, shall be determined by the AIS Board of Directors. The AIS shall not be responsible for the debts or liabilities of any of its Chartered Sections, and shall have no power to exercise control over the Section except pursuant to any Section Charter Agreement entered into as a condition of the Charter or as provided in the Articles of Incorporation or By-laws of the Section.

Article III, Sec. 4: An organization with purposes consistent with those of the AIS and with a majority of its membership within one AIS region shall be eligible for acceptance as an

Affiliate of the AIS. The prerequisites for acceptance as an AIS Affiliate and the privileges granted shall be determined by the AIS Board of Directors. AIS shall not be responsible for the debts or liabilities of any of its Affiliates, and shall have no power to exercise control over the Affiliate except pursuant to any Affiliation Agreement entered into as a condition of Affiliate status.

Article VI, Sec. 1: The AIS Board of Directors shall consist of thirteen elected directors and such ex officio members as hereinafter provided, all of whom shall be AIS members. The thirteen elected directors and not more than six ex officio members shall have full voting privileges, except as provided hereinafter.

- (a) Four directors shall be elected annually and shall hold office for three years and until their successors shall be duly elected and qualified. If an unfilled vacancy exists on the Board, the election of more than four directors may be necessary. No director shall be eligible to serve more than three consecutive full three-year terms.
- (b) One director who is a Regional Vice President in the second year in that office shall be elected annually and shall hold office for the succeeding fiscal year and until a successor is duly elected and qualified.
- (c) Those AIS Board members holding the following offices shall be ex officio members unless already serving as elected directors: President, First Vice President, Immediate Past President, Secretary, Treasurer, and Editor. These officers shall have full voting powers unless filling a salaried position and accepting compensation for services rendered in that position in furtherance of the purposes of the AIS.
- (d) Each Past President of the AIS, other than the Immediate Past President, unless otherwise a director or officer, shall be an ex officio member of the AIS Board without voting privileges.
- (e) In case of a vacancy on the AIS Board, the President shall have the power to fill the unexpired term by appointment, subject to the approval of the AIS Board.

Section 2. Nomination and election of directors shall be as follows:

- (a) A personnel committee of five members shall be named annually at the AIS spring meeting and shall consist of two members from and selected by the AIS Board of Directors, two Regional Vice Presidents elected by the AIS Board of Counsellors and a representative chosen by the AIS Section Advisory Board. The committee shall select its own chairman; and, at the following year's AIS spring meeting, suggest to the AIS Board of Directors qualified candidates for nomination as directors except for the one-year board membership held by a Regional Vice President.
- (b) The one-year board member shall be elected by the Board of Counsellors at its annual spring meeting.
- (c) Nominations for directors other than the one-year member shall be made by the AIS Board of Directors at its spring meeting and the names of the nominees mailed to the AIS membership on or before August 1 of each year. Any additional nomination shall thereafter be by petition signed by forty members, with not more than fifteen from any one AIS Region, and such petition shall be submitted to and received by the AIS Secretary on or before September 1 of the same year. A ballot including the names of the original nominees and any additional nominee or nominees shall be mailed to all AIS members on or before October 1 of each year, and returned ballots received by the AIS Secretary or the Election Committee, if one is appointed, on or before November 1 of the same year. If there are no additional nominations, a ballot shall be omitted and the original nominees considered elected. Results of the election shall forthwith be reported to the AIS President and shall be published in the AIS BULLETIN.

IRIS SLIDES FOR RENT

AIS offers a number of iris slide sets for rental to members, each consisting of approximately 100 35mm slides. These provide excellent programs for both iris societies and garden clubs.

SLIDE SETS AVAILABLE FOR 1993

THE NEWEST IN IRISES: 1990 through 1993 introductions—mostly TB, but contains other types.

RECENT AWARD WINNERS: HM and AM winners—1989 through 1992.

THE POPULARITY POLL: Favorite irises as reflected by the 1992 AIS Symposium.

RECENT BEAUTIES: Recent introductions which have not as yet won the HM award—mostly TB, but includes other types.

TYPES OTHER THAN TALL BEARDED: Bearded and beardless—arranged in approximate blooming sequence.

RELIABLES: Mostly past award winners of various types—especially suited for newer iris societies and garden clubs.

1990 OMAHA CONVENTION

1991 WASHINGTON D. C. CONVENTION

To Order: Requests for slides should be made well in advance of requested date, preferably six to eight weeks. If optional, specify alternate sets and/or dates. Clearly PRINT name and mailing address to whom slides are to be sent. Rental fee is \$7.50 per set, payable to AIS. Only one set allowed for any request date. AIS Affiliate Societies are entitled to one free set per calendar year. Slide sets are to be returned next day after viewing by PRIORITY mail.

Send check with request to:

Howard Shockey, Chairman
Slides Committee
4611 Rio Grande Lane, N.W.
Albuquerque, NM 87107

Note: Telephone calls cannot be returned.

SECTION SLIDES AVAILABLE

The various Sections of AIS also have slide sets available for rent. These feature irises of each respective group. Rental fee is \$5.00 per set, unless noted otherwise. Requests for these slide sets should be submitted as follows:

ARILS and ARILBREDS: Order from Clay H. Osborne, 47806 Calle Fiesta, Indio, CA 92201. Rental fee \$7.50—Check to Aril Society International.

HISTORIC IRIS PRESERVATION SOCIETY (HIPS): Contact Joan Cooper, 212 West Country Rd. C, St. Paul, MN 55113. Check to HIPS.

JAPANESE: Order from John Coble, 9823 E. Michigan Ave., Galesburg, MI 49053. Check to Japanese Iris Society.

LOUISIANAS: Order from LaVera Burkett, 1002 Randall, Searcy, AR 72143. Check to LISA.

MEDIANS: Order from Terry Aitken, 608 N.W. 119th St., Vancouver, WA 98685. Check to MIS.

REBLOOMERS: Contact Diana Nicholls, 4724 Angus Drive, Gainesville, VA 22065. Check to Reblooming Iris Society.

SIBERIANS: Order from Thomas Abrego, P.O. Box 693, Newberg, OR 97132. Check to Society for Siberian Irises.

SPECIES: Several sets available—Order from Helga Andrews, 11 Maple Ave., Sudbury, MA 01776. Check to SIGNA.

SPURIAS: To order, contact Marilyn Holloway, 673 Acacia Ave., Sacramento, CA 95815. Check to Spuria Iris Society.

DWARF: Dorothy Willott, 26231 Shaker Blvd., Beachwood, OH 44122-7111. Check to Dwarf Iris Society.

AIS SALES ITEMS

- THE WORLD OF IRISES* \$17.50
 Edited by Warburton & Hamblen; 34 contributors and authors including international authorities. 494 pages of text; 32 pages full color. Published in 1978 and the most authoritative book on all phases of irises, scientific and popular, 6" x 9" hard bound cloth cover.
- HANDBOOK FOR JUDGES AND SHOW OFFICIALS* complete ... \$6.00
 pages only ... \$4.00
 Fifth Edition, in handy looseleaf form. Available with or without binder for holding the pages.
- Iris Notes, 3½ x 5½, reproductions of watercolors from the archives of the Brooklyn Botanic Garden, \$4.00 per pack, 3 for \$11.00. Each pack contains ten notes and envelopes, two different designs.
- Order by pack number: Pack 1: 5 *Iris aurea*, 5 *Iris latifolia*.
 Pack 2: 5 *Iris xiphium*, 5 Japanese iris.
 Pack 3: 5 *Iris pallida* hybrid, 5 Gladwyn iris.
- IRIS SHOW POSTERS* Packet of 6, \$10.00
 Promote your show with these full-color posters 11" x 16".
- AIS LAPEL PINS* \$5.00
 AIS logo in blue and green on silver plated pin ½" x ⅝" with safety lock catch.
- 1991 AIS MEMBERSHIP BOOK*. A complete listing of members of AIS, including addresses. \$10.00
- IRIS POST CARDS* Packet \$2.00; 3 Packets for \$5.00
 Twelve different shots, in color, per packet.
- 1939 CHECK LIST* \$10.00
 Reprint. Soft cover.
- 1969 IRIS CHECK LIST* \$17.00
 Reprint. Ten-year compilation of registrations 1960-69.
- 1979 IRIS CHECK LIST* \$17.00
 Reprint. Ten-year compilation of registrations 1970-79.
- 1989 IRIS CHECKLIST* \$15.00
 Ten-year compilation of registrations 1980-89.
- REGISTRATIONS AND INTRODUCTIONS—*
 1990 \$4.00 1992 \$5.00
 1991 \$5.00
- BULLETINS: Back issues, if available* \$3.00
- BRONZE ANNIVERSARY MEDALS* \$2.50
 The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.
- AIS SEALS* Pack—\$2.50; 5 Packs—\$10.00
 Self-adhesive ovals larger than a half dollar, official design in blue and green on a silver background. (50 per pack)
- RHS COLOUR CHARTS* \$45.00
 Set of four color fans, plus instruction leaflet.
- 1993 AIS CALENDAR* \$5.00—10 for \$30.00
- INVITATION TO JOIN BROCHURES* in quantities 8¢ each.

Prices include postage and handling.

Make checks payable to The American Iris Society

Send order to Charles J. Lack, 718 West 67th Street, Tulsa, OK 74132-1808

Phone (918) 445-2222

1993 SYMPOSIUM

1992	1993	Votes	Variety	Hybridizer	Year	Season	Height	Color
3	1	779	DUSKY CHALLENGER	Schreiners	'86	M-L	39"	dark purple
1	2	757	BEVERLY SILLS	B. Hager	'79	M	36"	pink
2	3	652	TITAN'S GLORY	Schreiners	'81	E-M	37"	dark violet
4	4	589	VANITY	B. Hager	'75	E-L	36"	pink
5	5	583	EDITH WOLFORD	B. Hager	'86	M	40"	yellow/violet
7	6	565	STEPPING OUT	Schreiners	'64	M-L	38"	white, blue-violet plicata
9	7	559	SILVERADO	Schreiners	'87	M	38"	light blue
6	8	552	JESSE'S SONG	B. Williamson	'83	M	36"	white, violet plicata
8	9	505	VICTORIA FALLS	Schreiners	'77	E-L	40"	blue, white fall spot
11	10	484	SONG OF NORWAY	W. Luihn	'79	M-L	38"	powder blue, blue beards
13	11	473	LACED COTTON	Schreiners	'80	M-L	34"	white
14	12	462	MARY FRANCES	L. Gaultier	'73	M	38"	blue-orchid
14	13	435	LADY FRIEND	J. Ghio	'81	VE-E	38"	garnet red
15	14	433	SUPERSTITITION	Schreiners	'77	M	36"	maroon black
12	15	430	GOING MY WAY	J. Gibson	'72	M	37"	white, blue-violet plicata
18	16	409	HONKY TONK BLUES	Schreiners	'88	M	37"	hyacinth blue
20	17	378	BREAKERS	Schreiners	'86	M	37"	blue
16	18	361	MYSTIQUE	J. Ghio	'75	E-L	36"	light blue/blue-purple
44	19	320	SUPREME SULTAN	Schreiners	'88	M-L	40"	yellow/crimson
23	20	317	COPPER CLASSIC	E. Roderick	'75	L	30"	burnt orange
23	21	314	BRIDE'S HALO	H. Mohr	'73	E-L	36"	white, edged yellow
19	22	303	MULLED WINE	K. Keppel	'82	L	36"	raspberry burgundy
27	23	301	EVERYTHING PLUS	D. Niswonger	'84	M	34"	blue-white/white-violet plic.
26	24	294	ANNA BELLE BABSON	B. Hager	'85	M	36"	pink
21	25	293	RINGO	G. Shoop	'79	M	38"	white/grape, edged white
22	26	290	SKY HOOKS	M. Osborne	'80	M	36"	soft yellow, violet horns

17	27	281	JOYCE TERRY	T. Muhlestein	'74	M-L	38"	yellow/white edged yellow
27	28	280	GAY PARASOL	Schreiners	'74	M	35"	lavender/rose-violet
31	29	257	CODICIL	S. Innerst	'85	M-L	32"	light blue, near black beard
45	30	245	IMMORTALITY	L. Zurbrigg	'84	M&Re	30"	white
31	30	245	KILT LILT	J. Gibson	'70	E-M	40"	tan-gold/maroon, white pic.
25	32	240	DAZZLING GOLD	D. C. Anderson	'81	M	29"	yellow, veined red brown
29	33	235	QUEEN IN CALICO	J. Gibson	'80	M	34"	apricot, red-violet plicata
43	34	234	RUFFLED BALLET	E. Roderick	'75	M-L	30"	blue-white/medium blue
35	35	222	OLYMPIAD	J. Ghio	'84	E-L	38"	pale blue, darker in heart
—	36	221	ROSETTE WINE	Schreiners	'89	M	37"	rasp-rose, white fall spot
37	37	220	CHERRY SMOKE	D. Meek	'78	M-L	34"	red black
38	38	219	LORILEE	Schreiners	'81	M-L	37"	rose orchid
40	39	210	RUSTLER	K. Keppel	'88	M	37"	gold-brown
30	40	208	CHAMPAGNE ELEGANCE	D. Niswonger	'87	M	33"	pink/apricot
34	41	206	GRAND WALTZ	Schreiners	'70	M-L	35"	lavender orchid
41	42	203	LEDA'S LOVER	B. Hager	'80	M	38"	white
33	43	202	CAMELOT ROSE	C. Tompkins	'65	M-L	30"	lilac/burgundy
45	43	202	SKATING PARTY	L. Gaultier	'83	M-L	40"	white
69	45	200	STUDY IN BLACK	G. Plough	'68	E-M	36"	red black
49	45	200	TIDE'S IN	Schreiners	'83	E-M	36"	blue
50	47	199	PERSIAN BERRY	L. Gaultier	'77	M	35"	mulberry lavender blend
38	48	196	EXTRAVAGANT	M. Hamblen	'83	M-L	36"	red purple
82	49	195	ALTRUIST	Schreiners	'87	E-M	37"	blue
69	50	194	EAGLE'S FLIGHT	Schreiners	'86	E-M	35"	rosy blue/white, rose lav/plc.
52	51	192	EASTERTIME	Schreiners	'80	M-L	38"	cream/white, edged gold
35	52	189	BUBBLING OVER	J. Ghio	'82	E-L	36"	blue-lilac
53	53	188	OKTOBERFEST	W. Maryott	'87	M	37"	red orange
41	54	185	HINDENBURG	W. Maryott	'83	M	37"	orange
58	55	179	LACY SNOWFLAKE	Schreiners	'77	M	38"	white
67	55	179	LEMON MIST	N. Rudolph	'72	E	32"	lemon yellow

51	57	176	CHICO MAID	W. Luhn	'85	M-L	38"	pale blue, blue beard
56	58	173	PINK TAFFETA	N. Rudolph	'68	E-M	31"	pink
48	58	173	QUEEN OF HEARTS	O. Brown	'74	M	36"	buff pink/ivory, buff pink
53	60	172	CHRISTMAS TIME	Schreiners	'65	M	41"	white, tangerine beard
62	60	172	CUP RACE	S. Buttrick	'63	M-L	36"	white
75	62	170	PLEDGE ALLEGIANCE	Schreiners	'84	M	37"	medium blue
71	63	169	ORANGE SLICES	D. Niswonger	'87	M	33"	orange
59	64	167	SPINNING WHEEL	D. C. Nearpass	'76	M	34"	off white/blue, white plc.
79	65	166	TUT'S GOLD	Schreiners	'79	M	37"	golden yellow
90	66	165	BAYBERRY CANDLE	C. DeForest	'69	M	36"	chartreuse/gold, olive green
59	67	164	LATIN LOVER	G. Shoop	'69	M	36"	lavender pink/grape wine
65	68	163	SAPPHIRE HILLS	Schreiners	'71	M	36"	blue
—	68	163	THRILLER	Schreiners	'88	M-L	36"	cerise-claret
83	70	162	GINGER SWIRL	Schreiners	'85	M-L	34"	copper-orchid
45	70	162	THEATRE	K. Keppel	'81	E-M	34"	white & violet bitone plc.
—	72	160	HOLY NIGHT	K. Mohr	'83	E	35"	deep violet-purple
—	73	159	BEST BET	Schreiners	'88	E	36"	light blue/deep blue falls
100	73	159	SWEET MUSETTE	Schreiners	'86	M-L	37"	flamingo/rose bitone
79	75	158	DUSKY DANCER	W. Luhn	'67	M	36"	violet black
84	76	157	DESIGNER GOWN	J. Ghio	'85	E-M	34"	pink
62	77	156	SHIPS SHAPE	S. Babson	'69	M	38"	medium blue
66	78	155	DEBBIE RAIRDON	Mrs. H. Kuntz	'65	M-L	36"	yellow/white edged yellow
64	79	154	MICHIGAN PRIDE	T. Berndt	'76	M	36"	yellow/maroon brown
85	79	154	PURPLE PEPPER	D. C. Nearpass	'86	M	35"	lavender blue violet
56	81	150	TOMORROW'S CHILD	B. Blyth/K. Keppel	'84	M-L	36"	pink/red violet
77	82	149	SON OF STAR	G. Plough	'69	E-L	36"	cadmium orange
55	83	148	CRANBERRY ICE	Schreiners	'76	M-L	36"	cranberry violet
88	83	148	GOLD GALORE	Schreiners	'78	M-L	34"	golden yellow
77	83	148	MASTER TOUCH	Schreiners	'80	E-M	40"	purple
73	86	147	CATALYST	K. Keppel	'80	M	35"	yellow

67	86	147	NAVY STRUT	Schreiners	'74	E-M	35"	dark violet-blue
—	86	147	RASPBERRY FUDGE	K. Keppel	'89	E-M	36"	raspberry tan/cream, rasp-tan
72	89	145	DOVER BEACH	D. C. Nearpass	'72	E-L	42"	white/blue
96	90	142	KAREN	M. Hamblen	'84	M-L	36"	smokey pink/violet blue
61	91	134	LATIN HIDEAWAY	H. Nichols	'86	M-L	34"	lavender/red
94	92	133	INFINITE GRACE	M. Hamblen	'82	M	36"	warm white/medium pink
73	92	133	RANCHO ROSE	J. Gibson	'75	M	38"	salmon rose/magenta plicata
—	92	133	VISUAL ARTS	Schreiners	'82	M	38"	rosy lavender
—	95	132	LULLABY OF SPRING	Schreiners	'87	E-M	38"	mimosa yellow/pastel mauve
89	96	131	BLUE SAPPHIRE	Schreiners	'53	E	40"	light blue
94	96	131	PARADISE	J. Gatty	'80	M-L	33"	peach pink
75	98	130	BABBLING BROOK	K. Keppel	'66	M	38"	light blue
—	99	128	GYPSY WOMAN	Schreiners	'85	E-M	35"	yellow/white, rose orchid rim
—	100	125	BEFORE THE STORM	S. Innerst	'88	M	36"	black self
79	100	125	DREAM LOVER	E. Tams	'71	M-L	38"	blue white/blue violet
92	100	125	NEW MOON	N. Sexton	'68	M	36"	lemon yellow
93	100	125	WINTER OLYMPICS	O. Brown	'63	E-M	37"	white

Runners-up: 124 APHRODISIAC, PRECIOUS MOMENTS

122 EXOTIC STAR

120 AFTERNOON DELIGHT, WEDDING CANDLES

118 THORNBIRD

117 ENTOURAGE, RARE TREAT

114 SNOWBROOK

111 LOYALIST

110 DARKSIDE

New to the Symposium: BEFORE THE STORM, BEST BET, GYPSY WOMAN, HOLY NIGHT, LULLABY OF SPRING,

RASPBERRY FUDGE, ROSETTE WINE, THRILLER, and returning is VISUAL ARTS.

They replace: ENTOURAGE, EXOTIC STAR, FIVE STAR ADMIRAL, PRECIOUS MOMENTS, SNOWBROOK, WEDDING CANDLES.

Approximately 21% of the AIS members voted. Region 12 had the highest percentage with 38.4%. Region 11 was second with 33.3%

GROWING IRISES FOR DROUGHT CONDITIONS IN SOUTHERN CALIFORNIA

Barb Wight (California)

With our very dry weather conditions here, and with water rationing, we all are forced to “cut back” on water usage in the garden. Many growers will find other areas in which to grow their plants, or they do as we are trying now—grow them in containers or pots.

The first change we made in the garden was to build a “saran shed” using wood frames to which cloth was stapled. One side was left open for lifting to allow for watering and weeding. We placed pots into plastic trays for easy carrying and less weed growth, starting seedlings in 4" x 4" pots, one per pot, until they were larger, then transferring them into larger, containers. We used super-soil mixed with fine sand and added redwood compost and liquid fertilizers.

We left newer varieties in the garden, keeping from 3 to 4 fans of different color combinations and types for hybridizing with arils, dwarfs, borders, space agers, and novelties back onto the gorgeous tall bearded ones.

The spuria, Louisianas, Siberians, Japanese, crested, and bulbous are also lovely irises, and we're hoping to get more interested in working with them as time goes by and we find easier ways of growing them in containers and find the space in which to grow them.

Our darling dwarfs are growing on a mound by themselves to show off their blooms better and with GINGERBREAD MAN to keep them safe. The medians and borders are in their own section of the garden on a slanted hillside with mostly morning sun to keep them fresher as MADAME CHEREAU watches over them in her French way. The tall bearded are planted higher up on flat ground surrounded by all the other irises which makes it easier to pollinate them. We cross them with many other types, always looking for “something different.” The arils and arilbreds are still higher up on drier ground. They can be seen from a distance with ESTHER THE QUEEN watching over them as we make “wild crosses.”

We always keep extra containers for potting all irises in for a quick move, just in case. We are always looking for that “greener pasture” with all the water we want to use and only a half day of sun and a golf cart to drive around the garden in our retirement years. We also attend as many national and regional meetings as we possibly can to get to visit as many different areas of this wonderful USA as we can.

TOASTED MELONS AND BUBBLE RUFFLES

Ronald Mullin (Oklahoma)

When I first joined The American Iris Society, I read terms that meant nothing to me. By reading every publication available, I soon learned about plicatas, neglectas, medians, and other terms. Recently, a lady asked me what color was toasted melon. With that question, I realized that some terms that we use in AIS are not necessarily going to be in any publication. We have definitions of the basic color types such as selfs, plicatas, neglectas, and amoenas, but we don't describe some of the terms that have come into use in the past few years.

The term "toasted melon" is used to describe a color. It isn't an official term, but it came into being a few years ago when two irisarians in the Region 14 spring tour were trying to decide what color was a good description of COPPER CLASSIC. They decided that it had a melon tone, but they thought it was a little too brown to be called melon. As a result, they came up with toasted melon. Now, people tend to use that term in describing certain irises which have similar coloring to COPPER CLASSIC.

During my first years in AIS, the term corrugated ruffling was common. It came into use because it indicated ruffling that was in the form of a corrugation in cardboard. Some people even used the term cardboard ruffling. A few years ago, Joe Ghio began referring to heavily ruffled irises as being bubble ruffled. It made sense because the irises had edges that looked like a thick liquid when it was being boiled. As the bubbles come to the surface, they force the liquid up in one area and down in the one beside it. Because bubble ruffling sounded better than corrugated, the term bubble ruffling occurs all the time in descriptions. See an iris like BUBBLING OVER, and you will have a perfect example of bubble ruffling.

Many irises feature an edging of a different color from the remainder of the petal. Depending on the width of this edging, different terms have been used to describe it. Terms such as band, rim, and wire edging were in common use several years ago, but it was with the appearance of BRIDE'S HALO that the term halo became common in descriptions. A halo is a very, very narrow edging of color on the petals. It would be nice if everyone restricted the use of the term halo to those irises which feature a tiny lining. Those which have a wider area of coloring could then be said to be banded. In that way, the readers would know what to expect colorwise.

Although it is a term that is official in AIS terminology, some people still do not know median. Any of the irises which are bearded and are between the miniature dwarfs and the tall bearded are called medians. It is a mathematical term which means middle. To this day, many people still think the term is medium. Of course, the use of medium does get the idea across to the listener, but the correct term is median.

For years after I joined the AIS, I wondered about an iris club which existed in Oklahoma City called the Apogon Iris Club. I had no idea what apogon meant, but the late Ila Crawford was a member of the club, and I often heard her speak of

the apogons with a certain aura of respect. Finally, I had the nerve to ask someone what apogon meant. As most of you know, it merely refers to the beardless irises such as spurias, Siberians, and Louisianas.

Terms such as *luminata*, *variegata*, and *zonal* have been described in recent issues of the AIS Bulletin. Of these, *zonal* is probably the most recent to come into use. It is basically an iris with a white area around the beard. Among the types that feature this coloring are ROSETTE WINE and CITY LIGHTS.

Maybe there are other terms that come to mind that you don't understand. If you can't find them described somewhere in the publications you have, ask someone what they mean. Iris people are so accustomed to speaking a language of their own that they forget that not everyone knows all the terms they know. It has been my experience that the best way to learn anything is to ask someone who knows. Silence is golden, and ignorance may be bliss, but there is no need to remain silent if you are ignorant about iris terms. No one will laugh because you don't know the terms. Remember, there was a time when they didn't know them either.

Having grown up in an area that is famous for the production of giant water-melons, I have to admit that I have never seen a toasted melon, but I now know what is meant by an iris that is "toasted melon" in color.

DEVELOPING AN EYE FOR IRISES

Writing Varietal Comments

Sharon McAllister (New Mexico)

One way we can become better acquainted with new varieties is by reading about how they perform in various climates. Reports of varieties seen on garden tours, or descriptions of the performance of different varieties in other gardens helps us know what to expect and how to handle them for better growth and bloom. For this fledgling writer, a report of varietal comments can provide a relatively painless entry to being published. Writing a full-fledged article may seem like something to be reserved for the experts, but penning a few varietal comments seems easy enough. . . .

The key, however, is in developing our powers of observation. In one of his published letters, H. Senior Fothergill provided a clear, common-sense analysis of the subject:

Keen observation, which means self-training and self-discipline, is the basis of all our horticultural knowledge. Notebooks of such giants as Sir Michael Foster reveal the hard work and the loving care which they applied to the task of observing. So, let each carry, in the season, a cheap pocket notebook, and make therein *thorough* notes of say, at least a dozen varieties.

Notes on a dozen well-studied plants are much more valuable than scattered, incomplete notes on fifty. One learns a lot from the former, and little from the latter. And the more one learns, the more one has to give. The all-too-common varietal comment in horticultural literature is worthless to the reader. Consider such gems . . . as "A stunning yellow," "Absolutely a 'must,'" and "The best

in its colour-class;” these are not worth the paper they are printed on. Each of these was the writer’s *whole* comment.

In one iris publication a quarter of the comments in one issue never even mentioned the *colour* of their subjects!

So much for how *not* to write a varietal comment. There’s no single “right” way to do it. Tom Wilkes wrote a succinct set for the 1963 Aril Society International Yearbook which addressed performance as well as appearance. For example:

“MOHR LEMONADE (Muhlestein) This is a greenish lemon yellow self and shows its aril blood in the very wide, slightly ruffled falls. Form is flaring and the standards are domed. Texture and substance are both good and plant habits are extra vigorous. Has three side branches and grew to about 30 inches tall. Beard is a light lemon yellow and almost matches the color of the bloom.”

This provides more descriptive information for the variety than most catalog listings. A different approach provides more detail about a specific year’s bloom. This one is from Lewis Prestage, in the 1977 ASI Yearbook:

“OYEZ (White ’38) had five fans, one stalk and one terminal bud. Standards are open and a blushed ivory color with a mulberry veining. Falls are quite broad and rounded. They are boldly burgundy tracked ivory in color with mulberry veining. The signal was up to one and one-half inch in length and brown colored. The beard was inconspicuous and brown. There is an interesting veining pattern on the falls. A bold burgundy with some dots; there is a thin margin around the fall that is outlined in burgundy. Hafts were white with veins that begin with brown and blend to burgundy. Its faults include its tall stem and open bloom. I liked its bold tracery of color. Some of the older cultivars remain as standouts in many gardens.”

Sometimes a comment will address the performance of a cultivar over a period of years and in different locations. Here’s one I wrote for the July 1986 Region 22 Newsletter, adding a few remarks I thought might be of interest to hybridizers:

“GENE’S LITTLE SECRET (Hunt 1981) Arilbred median with yellow-gold standards and falls that are grayed-yellow rimmed with yellow-gold. Prolific bloom and increase in Central Oklahoma, bloom has been sparse in New Mexico when winters have been warm. From its pedigree (LILLIBRITE X I. susiana) you might expect a typically infertile aril-median, but it is highly fertile with C.G. White type arilbreds. Offspring of this type of cross include some very interesting plants of intermediate size: average about 18” tall, with typical half-bred flower form and color patterns. They remind me of scaled-down versions of full-size arilbreds. One is much like a miniature IMARET. Some of these are now forming pods, but I’m still wondering what (if anything) the next generation will bring.”

If you’d like to see some of your own varietal comments published, the first step is to make the observations. Mr. Fothergill’s pocket notebook is a good tool for the well-organized, but some of us need a fill-in-the-blank approach if we are to record anything useful.

I like this form, which I adapted from one that John Holden provided in the March 1978 ASI Newsletter. You may want to adapt it further for your own use, but it covers just about everything I might want to know about a plant's performance: overall plant condition, foliage, bloom stalk, and flower. This doesn't mean that I feel compelled to fill out the form completely for every variety that blooms, but I keep a supply handy for note-taking and fill out as much as I want for each one. For especially promising seedlings, I like to make extensive notes. Bloom season is ephemeral and there's no way to go back and make the needed observations once the flower has folded. Pictures may serve to jog the memory, but they don't record measurements and color is not always accurate. This way, I have the descriptive information needed if I choose to register the cultivar.

With observational notes such as these, writing varietal comments for publication is easy. First set the stage by describing your growing conditions. What type of soil do you have in terms of texture, drainage, pH factor, organic matter, and fertility? What is your climate like, in terms of rainfall, humidity, temperature, winds, and light intensity? Are there any special problems with insects, weeds or other pests that you'd like to mention?

Lew's article in the '77 Yearbook again provides a good example:

"Local soils are a fine sand, with some thin layers of clay here and there, (lower in the soil strata). There is from 2 to 5" of rain during October-March. Any additional water is from a deep well. Both water and soil are near pH 7. Soil was modified prior to planting a few species, more hybrids, and some airbreds. Organic matter was added in the form of moldy alfalfa cubes, disced under, and wetted down. No dolomite was added. No chemical fertilizer was added. Cygon 238 was added from time to time. Because of the severe drought that California is experiencing I avoided using a free hand with supplemental water."

How many cultivars should you include? That depends on how much time you have and how many you think are interesting enough to report on. In the examples I've chosen, Lew reported on one year's performance of 14 varieties, and Tom on only 3 of the newest ones.

As a general rule, report on those cultivars which performed exceptionally well. This lets others who have similar growing conditions know about irises that can be expected to do well for them. For example, SDBs face a considerable challenge in my garden. I've never had more than 25% bloom, considered 10% a very good year, and 1% not unusual. I know this isn't typical performance, because I've seen impressive displays in valley gardens less than 10 miles away. I wouldn't report that a variety "finally bloomed after five years." Such a comment, though accurate, would be misleading—and only someone familiar with my garden conditions would realize that it wasn't a fair test. On the other hand, to report that "An antique, Lilli-White, is my most dependable median" provides the information that this is an exceptionally vigorous variety.

So how about it? Do you accept my challenge? Can you write a short paragraph about the most outstanding variety in your garden this spring? That doesn't sound like much, but it doesn't take many such contributions to put together a section of varietal comments!

Seedling/Cultivar Evaluation Form

Cultivar _____ Hybridizer, Year _____

Date _____ Overall Plant Condition: Excellent . . . Good . . . Fair . . . Poor

Age of Clump _____ Number of fans _____ Number of stalks _____

Weather damage (if any) _____

Foliage (form, color, width, condition) _____

Bloom Stalk: Height _____ of Branches _____ of Spurs _____

Bud count _____ Terminal buds _____ Branch buds _____

Stem quality _____ Bud placement _____

Flower Size: Height _____ Width _____

Substance: _____

Staying power (how long is flower open and presentable?) _____

Proportion of standards to falls (equal, 3:2, etc.) _____

Standards

Form (open, closed, ruffled, etc.) _____

Dotting (size, color, and intensity) _____

Veining (color, intensity, prominence) _____

Washes, flushes, or overlays _____

Overall impression of color _____

Falls

Form (rounded, recurved, etc.) _____

Dotting (size, color, and intensity) _____

Veining (color, intensity, prominence) _____

Washes, flushes, or overlays _____

Overall impression of color _____

Beard (color, type, width, density) _____

Signal (color, size, shape) _____

Styles (Color, veins, patterning) _____

Degree of prominence _____

Crests (types & color) _____

Hafts (color, width) _____

Anthers (color, shape) _____

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**THE AMERICAN IRIS SOCIETY CONDENSED
FINANCIAL STATEMENT FOR YEAR ENDING SEPTEMBER 30, 1992**

Cash in Bank, September 30, 1991		
Operating Funds	23,371	
Restricted Funds	150,303	173,674
Income, 10-1-91 thru 9-30-92		182,592
Expense, 10-1-91 thru 9-30-92	(Plus interest adjustment of 1,181)	- 168,513
		<u>187,753</u>
Cash in Bank, September 30, 1991		
Operating Funds		12,583
Restricted Funds		175,170
		<u>187,753</u>

Income

Membership Dues		89,349	
Bulletin			
Advertising	19,861		
Back Issues	411		
Other	- 68	20,204	
Registrations		5,130	
Sales			
AIS Publications	19,897		
Other Books & Mdse.	12,445	32,342	
Committees		14,696	
Sections Dues		4,879	
Gifts		6,259	
Earned Interest		8,818	
Other		915	<u>182,592</u>

Expense

Bulletin		72,446	
Secretary		5,070	
Membership Secretary		11,716	
Recording Secretary		551	
Registrar		2,693	
Sales Director			
AIS Publications	11,926		
Other Books & Mdse.	8,880		
General Expense	- 655	20,151	
Other Officers		668	
Committees		28,139	
RVP Expenses		5,033	
Section Dues		4,936	
Accounting & Insurance		7,413	
Other		7,816	<u>166,632</u>

Authorized Salaried Personnel:

Advertising Editor	3,150/yr
Editor	3,600/yr
Membership Secretary	6,300/yr
Registrar-Recorder	<u>3,150/yr</u>

MINUTES OF THE BOARD OF DIRECTORS MEETING

Hallmark Inn, Executive Center
Overland Park, Kansas

October 30-31, November 1, 1992

President Kenneth Waite called to order the regular fall meeting of the Board of Directors of The American Iris Society at 8:05 p.m., October 30, 1992. Present at the various sessions were President Waite; Immediate Past President Rasmussen; President-elect C. Barr; Second Vice President Niswonger; Secretary J. Stayer; Treasurer Corlew; Editor Mullin; Registrar K. Nelson-Keppel; Membership Secretary Harlow; Recording Secretary J. Plank; Publication Sales Director C. Lack; Directors Crick, Gristwood, B. Jones, Lineberger, Mahan, Stahly, Waters, and Witt; RVP Board Representative Gilliam (24); Directors-elect M. Wilhoit and Harder; Photo Coordinator L. Stayer; Foundation Liaison Pettijohn; RVPs Warner (4), Wilder (5), D. Willott (6), King (7), Meyer (11), Shepard (15), Probst (18), Gossett (22), and Goodnight (23); RVP Representative McWhirter (14); Section Representative Perkins (SIS), and guests A. Waite (1), Honkanen (5), A. Willott (6), J. Wilhoit (9), E. Jones (13), K. Keppel (14), W. Barr and R. Plank (15), Aldridge, Denney, D. Isbell, I. Isbell, Littlejohn, R. Mallory, J. Mallory, Murrain, Perry, Pries, Poff, I. Rasmussen, Wyss, and Waddick (18), and K. Lack (22).

Waite welcomed everyone, then introduced Greater Kansas City Iris Society President Donna Aldridge who welcomed the AIS Board of Directors and guests on behalf of the GKCS and Region 18.

Waite reminded attendees that participation in discussion is welcomed and encouraged, but that only Board members may vote. Introductions followed around the Board table and through the audience.

The minutes of the spring Board meeting in Atlanta, Georgia, were approved as printed in the AIS *Bulletin* #286.

Secretary Stayer announced that as no additional nominations for director had been received, candidates Harder, Niswonger, Waters, and Wilhoit were duly elected and qualified as AIS Directors with terms expiring in 1995.

Waite reported no interim Board action and one Executive Committee action: the selection of a printing company from two competing bids received to print the 1989 Check List. After careful examination to insure the quality of the significantly lower bid, the decision was made to go with the low bidding company, The Imperial Printing Company of St. Joseph, Michigan. The contract is for 3000 copies at a cost of \$11,370 plus some additional charges upon completion. The final cost will be between \$11,500 and \$11,800.

Stayer reported that 1490 ballots were cast in the recent vote on by-laws changes, 1471 by the U.S. and Canadian members and 19 by overseas members. Voting percentages were: 90.5% yes; 3.5% no; 3.5% abstained, and 2.5% were invalid. Ballot printing, labor, and materials cost \$1137.35. Postage cost \$2516.16. The total cost came to \$3653.51. This figure neither reflects nor includes any of Stayer's own expenses. Stayer brought up the need to print new by-laws because of this extensive change and pointed out that additional by-laws changes are under consideration. Stahly moved, Jones seconded, that only the by-laws changes be printed in the *Bulletin* and that requests for by-laws copies be fulfilled by sending a copy of the by-laws as they now read with an attached notation to see the *Bulletin* (number and volume) for changes effective 1992. Motion carried.

Stahly asked if the RVP representative elected last spring, as set out in the new by-laws, is now a voting member of the Board. The Board was in agreement that this representative is indeed a duly elected and qualified voting member of the Board of Directors as of this meeting. T. A. Gilliam, voting RVP Board Representative, was invited to take his seat at the Board table.

Stayer reported that the Publication Sales Director now has 20,000 Invitation-to-Join brochures to sell at eight cents a copy for those wanting large quantities. She reported that Basic Iris Culture will be reprinted as soon as the revision of the awards system is finalized.

Stayer presented a letter from the New Zealand Iris Society which describes a newly designed society badge they wish to adopt. The basic flower drawing in this design is a virtual copy of the AIS logo. The NZIS requested permission to use this design before proceeding further with the badge. An enlarged copy of the design was passed around while the matter was discussed. Lineberger moved, Mahan seconded, that the AIS grant the NZIS permission to use the stylized flower drawing in the new badge design. Motion carried.

Stayer reported problems with an article in the New York Times. The article listed her address incorrectly, which caused many letters to be returned. However, through this garden column, thirty or more new memberships were received. The paper apologized for the error but would not run a correction.

Stayer had received a letter from the Massachusetts Horticultural Society stating that there were several new positions open. She stated that she has copies of the job descriptions if anyone is interested.

Stayer requested that anyone needing AIS stationery please notify her by December 10. New officers, directors and RVPs will automatically receive a supply imprinted with their names and addresses. Stationery is ordered only once a year.

Membership Secretary Harlow's report was sent to all Board members and RVPs in mid-October. Members deleted in March and September totaled about 1200. More than 50% were one-year members. Harlow advised that the AIS needs to do something to motivate these first-year members to renew. The total number of AIS members as of September 30 was 8426. Region 14 continues to hold the number 1 position; Region 4 is in second place and Region 18 is in third. Acting on a previously granted Board approval of purchase, the membership office acquired a new printer to replace the old one which finally failed. Harlow requested that a digital tape backup system be obtained for membership data and said that such a system could be purchased at a cost of \$750 or less. Barr moved, Waters seconded that the purchase of a tape backup system be authorized for the membership office. Motion carried.

Treasurer Corlew distributed copies of the Annual Financial Report for the fiscal year which ended September 30, 1992, and the Proposed Budget for the year ending September 30, 1993, to be studied by Board members and discussed later in the meeting.

Bulletin Editor Mullin reported that copy for the January *Bulletin* has already been mailed to the printer in Nashville, with the exception of topics that will come from this meeting. In response to questions about using color in the *Bulletin* for something other than advertising, Mullin explained the difficulties and costs associated with using color pictures. He has been requested to ask the Board if contributors to the Wister Medal Fund may be listed in the *Bulletin* in the same manner that contributors are listed for the AIS and the AIS Foundation. Stahly moved, Niswonger seconded, that contributors to the Wister Medal be listed in the *Bulletin*. Motion passed.

Corlew moved, Barr seconded, that telephone numbers of officers, directors, and RVPs be listed in the *Bulletin* together with their addresses. Motion carried.

A copyright notice will appear starting in the January, 1993 *Bulletin* establishing the AIS copyright for material printed in the AIS *Bulletin*.

Advertising Editor and Registrar Nelson-Keppel stated that there was nothing new to report for advertising. As Registrar, Nelson-Keppel reported that the 1989 CHECK LIST is in the process of being printed and will be available in December. The amount to charge for the 1989 CHECK LIST was brought before the Board for discussion. Mahan moved, Stayer seconded, that the CHECK LIST price be set at \$20. After more discussion, Niswonger moved, Corlew seconded, that Mahan's motion be amended to read \$15. The motion to amend carried. The question was called on the amended Mahan motion. The amended motion carried. The 1989 CHECK LIST will sell for \$15.

Stahly moved, Jones seconded, that \$3000 be paid for the Publication Fund to Nelson-Keppel for her work on the 1989 CHECK LIST as an added amount of her salary, part payable now and part payable next year as she desires, and that this be considered part of the cost of the CHECK LIST. Motion carried.

Mullin introduced Betty Crouch from Johnson Graphics and expressed appreciation for her invaluable work on the *Bulletin*.

Registrar Nelson-Keppel, continuing her report, pointed out that the Board needs to set the quantity to print and the amount to charge for the 1992 Registrations and Introductions book. She recommended printing 1500 copies and charging \$5 each. Niswonger moved, Corlew seconded, that the Board accept Nelson-Keppel's recommendation. Motion carried.

Nelson-Keppel pointed out that the AIS needs to address the problem of clarifying species iris classifications since her office is getting a few registrations in this category, and no guidance has been provided. It was reported that SIGNA President Colin Rigby and a committee of SIGNA members are working on this problem. No further action was considered necessary at this time.

Publication Sales Director Lack distributed a written report and stated that sales totaled \$36,296.66 during the year 1991-92. He had received several calls asking for information on the new awards system and asking when that information will be added to the Judges Handbook. Crick indicated that consideration is being given to revising the whole handbook instead of just adding new pages to cover the changed awards system.

Lack stated that his office has a large supply of Native American Iris flyers. Harlow suggested that she could send these flyers to prospective new members. Waters moved, Mahan seconded, that the flyers be sent to Membership Secretary Harlow's office to be used in membership promotion. Motion carried.

Lack reported that out of 150 color charts bought about two years ago only 47 remain in stock. Barr moved, Mahan seconded, that Secretary Stayer buy approximately 200 color charts, the exact number to be ordered dependent upon the best price break around 200. Motion carried.

The meeting recessed at 10:15 p.m. and was reconvened by President Waite at 8:55 a.m. on October 31.

Affiliate Chairman Niswonger reported that the active affiliate total stands at 153. Region 18 is about to add an 18th affiliate. Niswonger said that fewer new members are lost when there are more affiliates in an area, that new clubs do not diminish the vitality of older groups in the same area, and that some big cities could handle two or three clubs without difficulty. Niswonger reported receiving a letter from Region 4 RVP Carol Warner expressing a recommendation from Region 4 that the AIS consider providing medals free of charge for all shows given by AIS affiliates. The Region 4 recommendation stimulated lively discussion. No action was taken at this time pending further consideration later in the meeting.

Waite, acting as Interim Awards Committee Chairman, reported that of the 841 ballots mailed to accredited judges, 709 were returned by the July 1 deadline. After noting the numbers and kinds of awards given in this year's balloting, he pointed out that there will be a need to order a new stock of medals for the Cook Cup, the President's Cup, and the Walther Cup. A one-year supply of medals for these awards currently remains in stock.

Twenty-three regions reported results on time for the 1993 Symposium and twenty overseas members sent in ballots. Approximately 21% of AIS members participated in the Symposium vote. Region 12 had the highest percentage voting with 38%; Region 11 was next with 33%. The five irises receiving the most votes were DUSKY CHALLENGER, BEVERLY SILLS, TITAN'S GLORY, VANITY, and EDITH WOLFORD.

The need to re-order the silver medals given for the Cook, President's, and Walther Cup awards stimulated a discussion about changing what is given as a "keeper" trophy for these awards. Stayer moved, Jones seconded, that the President appoint a committee to look into the purchase of new medals or indicators for the Cook Cup and President's Cup awards. Motion carried. Waite and Barr will appoint a committee of three, one of whom will be Bennett Jones.

Convention Liaison Jones has received reports from the Fort Worth Convention Committee that preparations are going well. Fort Worth convention dates are April 20-24, 1993. The conventions in Portland, Oregon, and Hershey, Pennsylvania, are set for the Memorial Day weekends of 1994 and 1995, respectively. The 1996 convention dates will be set next year in April. As yet, no site has been selected for the 1997 convention.

Jones stated that the most common complaint he receives in his correspondence is the high cost of attending conventions. He advised that careful consideration must always be given to keeping costs down. A discussion took place on where and how to control costs and on the effect convention scheduling has on the cost of attending. No specific action was taken.

The meeting was recessed for a 30-minute break at 10:00 a.m.

Exhibitions Chairman Gristwood distributed a detailed report on the AIS approved shows held in 1992. A total of 192 shows were scheduled, more than ever before. Two shows were held in Canada. Region 18 held the most shows, followed by Region 17 and Region 14. One of Region 14's shows was an all seedling show. DUSKY CHALLENGER and SILVERADO tied for first place for the Nelson Award, each being selected as best specimen in six shows. The AIS provided 131 sets of medals to affiliate societies and regions. Gristwood observed that if she is to report exhibition statistics accurately, she must receive more, and better, show reports with correct, readable and more complete information than she receives from many affiliate show chairmen. It was suggested that a small notation in the *Bulletin* outlining how best to report show information might help affiliate Show Chairmen and the AIS Exhibition Chairman equally. Gristwood noted that medals need to be ordered. Mullin offered information about a company reported to do excellent work at reasonable prices.

Stahly moved, Witt seconded, that Gristwood and Mullin obtain information on having new medals struck and report back to the Executive committee for approval of the purchase price and for establishing the selling price for these medals. Motion carried.

Corlew expressed appreciation and thanks to Gristwood for the excellent job she does with Exhibitions. His remarks were followed by a round of applause.

Foundation Liaison Pettijohn reported that the Foundation held its annual meeting by mail as permitted under the Foundation's by-laws. Catherine Long Gates and Dorothy Willott were elected to the Board of Trustees replacing E. Rockwell and C. Sindt. A grant to Dr. James Waddick was awarded in the amount of \$3825, roughly half of what was requested. Waddick is planning a Siberian species collecting trip to Tibet and western China. A request for a grant from Dr. Mike Arnold to do additional work on Louisiana genetics has gone out to the trustees for action. The Foundation plans to hold a meeting in Fort Worth to discuss consolidation with the AIS as proposed at the AIS Board meeting in Atlanta. A discussion followed examining the relationship between the two organizations, the restrictions that prevail, and current donations to the Foundation.

Mahan spoke to the need to fund Dr. Waddick's important expedition fully. In the discussion that followed, it was verified that although other donations have been made to the expedition (Region 4 has donated \$1000), Dr. Waddick still lacks \$2825 to finance the whole amount of the trip. This matter will be addressed later in the meeting.

Historical Committee Chairman Harder distributed a written report and displayed an interesting set of prints made from a recently discovered group of old slides which he believes to be among the earliest in the historical files of the AIS. In response to questions about the status of the library storage space and about the minimum size room that will be needed to house the artifacts on hand when relocation becomes necessary, Harder stated that the present storage space is available until July 1, 1993, and that when relocation takes place, a 10' X 12' room would probably house the material now in hand. He added that eventually the AIS will need a room that is large enough to handle two file cabinets for the AIS national organization, one file cabinet for each of the regions, one for each of the sections, and one for miscellaneous publications. Harder made a request that anyone receiving foreign publications donate

them to the library. At this time the AIS receives only one foreign publication, as donated by Membership Secretary Harlow. He asked if it would be possible for the AIS to join these foreign plant societies in order to obtain the material they publish for the library. Harder not only recommends that the AIS join foreign societies for their publications but also that the library become a member of record in all the AIS sections so that publications from these groups will be in the AIS library. Lineberger stated that as Section Liaison he gets all the AIS section newsletters, which he will send on to the library. He recommends that Section Liaisons who follow him in office adopt this policy.

Corlew moved, Niswonger seconded, that the AIS enter into a reciprocal bulletin exchange with as many foreign iris societies as possible and that the exchange be listed in the name of the AIS Historical Committee and posted to that office. Following a discussion, Mahan moved, Rasmussen seconded, that the motion be tabled until there is a permanent location for the library. The motion to table carried after a tie vote was broken by President Waite.

Corlew moved, Jones seconded, that the president appoint a committee to study how, where, and to whom these publications should be sent and report back to the spring meeting. Motion carried.

President Waite appointed Corlew, Harder, and Harlow to this committee.

Honorary Awards Chairman Rasmussen named the awards for which his committee gives recommendations: the Hybridizer's Medal; the Distinguished Service Medal; the Gold Medal; and the Board of Directors Award. A record of these awards through 1980 appears in the appendices of the 1970-79 Check List. The complete listing through the current year is kept in Secretary Stayer's files. It was suggested that the 1995 Anniversary *Bulletin* contain cumulative lists of the winners of each of these awards.

Judges and Judges Training Chairman Crick distributed copies of her report which presented statistics on various aspects of judges activities and changes in the judges roster. She recommended Board approval of the 1993 roster of judges, which included the following list of new Master Judges:

Region 1—Walter Kotyk
Marian H. Schmuhl
Region 2—James G. Burke
Region 4—Mrs. Troy Kariker
Polly Price
Region 7—Rodney Adams
Mrs. Charles Bless
Albert C. Dierckes
William W. Vines
Region 13—Mercedes Olsen
Region 14—Mrs. Jack Cochran
Region 15—William Barr
Bob Brooks
Dr. Ed Murray

Region 17—Hazel M. Haik
Mrs. Roy Nichols
Region 18—Mrs. Julius Dutton
Mrs. M. J. McHugh
Mrs. Elvan Roderick
Region 21—Signey Claussen
Region 23—Mrs. Douglas Latimer
Mrs. Howard Shockey
Region 24—James G. Burch
Betty Burch
Marjorie W. Deaton
Australia—Robert Raabe
England—G. H. Preston

Stahly moved, Niswonger seconded, that the Board accept Crick's recommendations and report as presented. Motion carried.

The meeting recessed for lunch at 11:45 a.m. and reconvened at 1:45 p.m.

Membership Contest Chairman Mahan reported that 139 entries have been submitted in the 1992 membership contest as of October 31. Ten regions have members participating.

Policy Chairman Barr distributed copies of the actions taken at the last Board meeting.

Public Relations Chairman Waters reported that the 1993 calendars are available. She emphasized that trade shows are a public relations tool that possess inestimable value in getting the name of the AIS out to the public. Waters is now working on a new set of postcards, charts showing the geographic locations of irises, and new posters for which she will be happy to receive suggestions. She called attention to a table on which she has a display of bulletins from other societies showing the diversity of bindings and use of color.

Barr stated that Olive and George Waters deserve a vote of thanks for producing the calendar every year. A round of applause in appreciation for the Waters' work followed Barr's statement.

Registrar Nelson-Keppel stated she had nothing to add to her report.

There was no report from Robins Chairman Brookins. Mullin reported that since he has received nothing for Flight Lines in a very long time, he would like permission to print excerpts from an international robin in the AIS *Bulletin*. Permission was given to use this material.

RVP Counselor Stahly presented the list of new RVPs and a list of all RVPs showing their term expiration dates.

Stahly moved, Niswonger seconded, that the Board approve the new Regional Vice Presidents as recommended by their regions. Motion carried.

The new Regional Vice Presidents are:

Region 1 Barbara Schmeider
2 John Schueler
4 Roy Epperson
5 Claire Honkanen

Region 17 Gordon Green
20 Mike Moller
21 Roger Mazur
23 Maxine Perkins

Stahly moved, Barr seconded, that the incumbent RVPs whose terms expire in '93 and '94 be reappointed for one year:

(Having served two years)

Region 7 Joanne King
10 Albert W. Ernst
13 Lyle Fort
15 Bobbie Shepard
16 Gloria McMillen
19 Nancy Szmuriga
24 T. A. Gilliam

(Having served one year)

Region 3 Larry Westfall
6 Dorothy Willott
8 Dr. Norman Frisch
9 C. J. Simon
11 Carryl Meyer
12 Mrs. Willard Done
14 Bryce Williamson
18 Riley Probst
22 Paul Gossett

Motion carried.

Scholarship Chairman Witt reported that committee activities were minimal during the summer months. The second \$1000 for the 1991-92 school year has been sent to Peter M. Loos of the Stephen F. Austin State University in Nacogdoches, Texas, and the first installment of the 1992-93 scholarship has been sent to Matthew Hinsch of UC Berkeley. Announcements for the 1993-94 scholarship will go out after the first of the year.

Scientific Committee Chairman McEwen, unable to attend this meeting, delegated Mahan to read the committee report in his absence. The committee report updated the activity of two projects in process and recommended two grant proposals to be made from the funds of the scientific committee.

1. A grant of \$500 to Dr. Waddick in support of the projected botanical collecting expedition of Dr. Waddick and Professor Zhao in western China in the event of only partial funding of this expedition by the AIS Foundation.

2. A grant of up to \$300 to John Coble of Ensata Gardens as needed to fund the study of a suspected new viral disease of Japanese and Siberian irises.

Mahan moved, Rasmussen seconded, that the AIS furnish \$2825 from the Scientific Fund to Dr. James Waddick for his proposed botanical collecting expedition in China, and up to \$300 to John Coble for the viral disease study as needed, any amount in excess of the Scientific Fund's reserves to come out of the AIS General Fund. Motion carried.

Section Liaison Lineberger reported that when meeting at the Atlanta convention, section representatives expressed great interest in the AIS requirements regarding the section constitutions. This information will be passed to them as soon as it is available.

Slides Chairman Shockey, who was unable to attend, sent no report.

Youth Chairman Jean Morris' report was read in her absence. Her report stated that there are 160 youth members, two of whom hold life memberships. Region 18 has the most youth members. Eight regions have no Youth Chairman. Four of those eight have no youth members and the other four have very low numbers. She stressed the need to have Regional Youth Chairmen in all 24 regions.

The 75th Anniversary Celebration Committee Chairman Rasmussen discussed the special *Bulletin* planned to commemorate this event. With greater convenience and relatively little additional cost as selling points, a special issue of the *Bulletin* has the widest support for being an appropriate commemorative publication, as compared to an expanded spring edition of the *AIS Bulletin*.

Corlew moved, Waters seconded, that the 75th Anniversary issue of the *Bulletin* be a separate volume. Motion carried.

Rasmussen requested Board authorization to conduct a 75th Anniversary poster contest, the winner to be announced at the 1994 Convention in Portland, Oregon. The winning poster would become available in 1995 at the 75th Anniversary Convention in Hershey, Pennsylvania.

Barr moved, Waters seconded, that the Anniversary Committee be authorized to proceed with an unrestricted poster contest for the 75th Anniversary. Motion carried.

A short break was called at 2:15 p.m.

President Waite turned the chair over to President-elect Barr in order to present the Awards Committee report and offer its proposals. The report presented five proposals designed to clarify and detail the initiation into eligibility on each award level.

Proposal 1: Initiating the eligibility for Honorable Mention Awards.

Bearded irises will become eligible two years after introduction.

Beardless irises will become eligible three years after introduction.

Both categories will remain on the ballot for three years.

The Species and Interspecies lists for the 1993 ballot will be made up of '88, '89, and '90 introductions.

The discussion examining the difference in time required for eligibility between the bearded and beardless categories enlarged to include consideration of how best to assign different classes of irises into these two categories. Waite moved, Corlew seconded, that both bearded and beardless become eligible for an HM Award two years after introduction. Motion defeated. Rasmussen moved, Witt seconded, that both bearded and beardless irises become eligible for an HM Award three years after introduction. Motion defeated. Stahly moved, Jones seconded, that those irises eligible in two years for HM Awards be TB; BB; IB; SDB; MDB; MTB; Aril and Arilbred. All other classes, as registered by the introducer, become eligible for HMs in three years. Motion carried.

Proposal 2: Initiating the eligibility for the new Award of Merit.

The 1993 list will be composed of irises from the previous year's list of eligibles for AM Equivalents and irises coming out of the two-year waiting period required after winning an HM. Qualifying irises will remain eligible for three years. The number of votes allowed will be 10% of listed varieties, or a minimum of two for a category. Awards will be given to 10% of the listed varieties, or a minimum of two.

The Award of Merit for the Species and Interspecies categories will be initiated in 1995.

Waite moved, Stahly seconded, that the Board adopt a standard that there be a minimum of two votes and two winners in a category to receive an AM. Motion carried.

Proposal 3: Initiating the eligibility for the new medals.

The new medals are C. G. White, Mohr, Williamson-White, Nies, Mitchell, and Payne. The 1993 and 1994 eligibility lists for new medals will consist of AM equivalent winners for the previous six years. When 1993 AMs become eligible in 1995, the three earliest equivalent award winners will be deleted. In 1996, any remaining equivalent winners will be deleted. Some irises presently found on the Dykes Medal list will be transferred to the new medal eligibility list appropriate for their class.

New Species and Interspecies medals are to be initiated in 1997, namely Founders of SIGNA for Species and Randolph-Perry for Interspecies.

Proposal 4: The Wister Medal eligibility list.

The 1993 list for this medal will be compiled from 1991 AM recipients. TBs presently found on the Dykes Medal eligibility list will be deleted by attrition, because if these TBs were removed from the Dykes Medal List, only Dwarf, Median, Louisiana, and Siberian Medal winners would remain. An alternative approach to consider would be to withhold the Dykes Medal for 1993 which would create a 1994 eligibility list composed of medal winners only. Niswonger moved, Corlew seconded, that the 1993 Wister Medal eligibility list be compiled from 1991 AM recipients and that TBs on the Dykes Medal eligibility list from the old awards system will be retired by attrition. Motion carried.

Proposal 5: The Dykes Medal eligibility list.

After normal deletions, this list will consist of category medal winners only. An iris will become eligible for the Dykes Medal one year after winning a category medal and remain eligible for three years. The iris winning the most votes will be awarded the Dykes Medal. If a tie occurs, a run-off ballot will be issued listing those tied. Corlew moved, Stahly seconded, that the Board accept all of the Awards Committee proposals as amended and that these constitute the official awards guidelines adopted by this meeting of the AIS. Motion carried.

Waite moved, Mahan seconded, that in all classes, the number of irises eligible for an HM be reduced from 15% to 10%. Motion carried.

Waite moved, Jones seconded, that the AIS make it a policy that only irises hybridized and introduced by United States and Canadian hybridizers can be eligible for AIS garden awards. Motion carried.

Acting on a suggestion from audience member Aldridge that the AIS consider creating a Best Foreign Introduction Award, Corlew moved, Niswonger seconded, that the president appoint a committee of three people to investigate an award for foreign-bred irises and bring a recommendation to the Board. Motion carried.

Waite resumed his seat as president and appointed M. Wilhoit, Corlew, and Niswonger to this committee.

The Library Endowment report, given by Mahan, described efforts to find a permanent place for the library. Three regions have expressed interest. Mahan recommended that Attorney Glenn Spain be consulted with respect to the establishment of a restricted Library Endowment Fund. Stayer was requested to contact Attorney Spain about setting up such a fund.

The meeting recessed at 4:45 p.m. to reconvene after dinner at 8:30 p.m.

Mahan, who is working with Witt on an assignment to produce a new AIS book, requested Board input about the perspective and/or purpose of the new book. A general discussion followed which was enriched by wide participation from all parts of the room. Waite summarized the discussion as indicating that the book should provide something of interest to both the expert and the novice, should offer a little bit on everything pertaining to irises, and should contain a large number of pictures. Mahan and Witt stated that the discussion was helpful.

RVP Counselor Stahly reported that a committee of RVPs has been working on a revision of the RVP Handbook. Suggestions for changes and additions have been sent to RVP Wilder, who has relayed them to Stahly. Stahly gave the floor to Wilder who emphasized the immediate need to issue a revised handbook. It was noted that Mullin had prepared the existing handbook and would be best qualified to

incorporate changes into a handbook revision. Lineberger moved, Crick seconded, that the revision material be turned over to Mullin so that he may edit and update the RVP Handbook before it is reprinted in 1993. Motion carried.

Wilder asked Mullin to send revision sheets to each of the present RVPs so that they may update their handbooks.

The request that the AIS consider providing free show medals to affiliates, regardless of the number of shows given, was returned for further discussion under unfinished business. Niswonger read the letter received from Region 4 RVP Warner advocating that free medals be given to affiliates for each AIS sanctioned show rather than for only one show, as is the current AIS policy. The letter expressed the feeling that if an affiliate is willing to make an added effort to put on more than one show in order to feature different iris groups, the AIS should be willing to support those efforts by supplying the medals. A lengthy discussion followed.

Waters moved, Witt seconded, that the AIS provide medals to the affiliates for any AIS sanctioned show. More discussion followed, with several members on the Board and guests in the audience speaking against the motion. When the question was called, the motion was defeated.

There being no further unfinished business, out-going President Waite spoke a few words in farewell before welcoming Claire Barr as the new president. He mentioned as he passed the gavel that we were witnessing an historic moment, as Claire Barr becomes the first woman president of The American Iris Society. Barr thanked Waite and spoke with admiration and appreciation of his leadership before presenting him with a lifetime membership in the AIS.

Before proceeding to the election of officers, Barr read from a letter sent to Board members by James Rasmussen during his presidency in which suggested goals for the society had been listed, the ultimate goal being to achieve perfect harmony. Barr expressed the feeling that the list could be interesting and useful in stimulating ideas for growth. She stressed the need to set priorities and asked for suggestions from those around the table and in the audience.

Barr called for the election of officers.

Stayer nominated Niswonger for First Vice President, Waite seconded. There being no further nominations, Corlew moved nominations cease and Niswonger be elected by acclamation. Jones seconded.

Niswonger nominated Mahan for 2nd Vice President, Witt seconded. There being no further nominations, Corlew moved nominations cease and Mahan be elected by acclamation. Jones seconded.

Waters nominated Stayer for Secretary, Corlew seconded. There being no further nominations, Waite moved nominations cease and Stayer be elected by acclamation. Jones seconded.

Niswonger nominated Corlew for Treasurer, Waters seconded. There being no further nominations, Stayer moved nominations cease and Corlew be elected by acclamation. Mahan seconded.

Waite nominated Mullin for Editor, Jones seconded. There being no further nominations, Mahan moved nominations cease and Mullin be elected by acclamation, Niswonger seconded.

Stahly moved, Niswonger seconded, that all nominations be closed and that the slate be elected by acclamation. Motion carried.

The Board adjourned to executive session to discuss the report from the Honorary Awards Committee.

Following the closed session, Barr announced that upon the recommendation of the Honorary Awards Committee, Distinguished Service Medals were awarded to Catherine Long Gates and Jeane Stayer. Hybridizers Medals were awarded to Mary Louise Dunderman and Mary Dunn. Upon the recommendation of the chairman of Judges and Judges Training, Harry Kuesel, Everett Long, and Joseph Gatty were approved as new Emeritus Judges, the latter posthumously.

Barr appointed the following administrative officers:

Registrar	Kay Nelson-Keppel
Membership Secretary	Marilyn Harlow
Publication Sales Director	C. J. Lack
Recording Secretary	Jeanne Clay Plank
Advertising Editor	Kay Nelson-Keppel
Photo Coordinator	Larry Stayer

Stayer moved, Niswonger seconded, that these appointments be accepted. Motion carried.

Barr appointed the following chairmen of standing committees:

Affiliates	O. David Niswonger
Awards	Bennett Jones
Convention Liaison	Clarence Mahan
Exhibitions	Lillian Gristwood
Foundation Liaison	Richard Pettijohn
Historical	Larry Harder
Honorary Awards	Kenneth Waite
Judges and Judges Training	Hilda Crick
Membership Contest	Melody Wilhoit

Policy
Public Relations
Registrations
Robins
RVP Counselor
Scholarship
Scientific
Section Liaison
Slides
Youth

Mike Lowe
Olive Rice-Waters
Kay Nelson-Keppel
Howard Brookins
Dr. Harold Stahly
Jean Witt
Dr. Chandler Fulton
Everette Lineberger
Howard Shockey
Jean Morris

Stahly moved, Waite seconded, that the appointments be approved. Motion carried.
Barr appointed to the Honorary Awards Committee to serve with the past presidents:

Richard Pettijohn
Keith Keppel
Ben Hager

Stahly moved, Waite seconded, that the appointments be approved. Motion carried.

Lineberger presented and read the petition to merge the Louisiana Iris Society of America (LISA), an AIS affiliate, with the Society for Louisiana Irises (SLI), a non-AIS affiliate. The petition explained the reasons for the merger and the methods and means by which the memberships and treasury of LISA would be transferred to SLI. Like the Aril Society, the Society for Louisiana Irises would become a cooperating society of the AIS. The petition was signed by Doug Goodnight, President of LISA; Henry C. Rowlan, President of SLI, and Joseph Mertzweiler, Past President of LISA and drafter of the petition.

Lineberger pointed out that if the AIS Board approves this petition, it will be presented to the April SLI meeting in Louisiana, and if approved there, will go into immediate effect. LISA had already agreed to the merger as set out in the petition, pending the approval of the AIS Board. Stahly moved, Jones seconded, that the Board approve the petition as presented. Motion carried.

Crick read into the record a letter sent to Board members from Terry and Barbara Aitken on behalf of Region 13 recommending a policy change in Judges Training credits. The letter proposes that Judges Training credits earned after the July 31 cutoff be automatically credited to the next year's training whether or not a promotion to a higher level is involved.

Mahan moved, Crick seconded, that this issue be tabled until the spring meeting. Motion defeated. Stahly moved, Jones seconded, that when persons moving to a higher Judge level (Student to Apprentice, Apprentice to Garden, Garden to Master) have completed the requirements by July 31, any Judges Training during the remainder of that calendar year will be counted toward the requirements of the level to which they are being moved, pending actual Board approval of their move to the higher level. Motion carried. Jones will notify the Aitkens of the action produced by their letter.

Mahan moved, Stahly seconded, that Lack be authorized to buy a copy of IRIS OF CHINA by Waddick and Zhao for the AIS archives. Motion carried.

The meeting was recessed at 11:15 p.m. to be reconvened at 9:00 a.m. on Sunday, November 1.

Barr opened the morning session by expressing a personal welcome to new Board members Wilhoit, Harder, and Gilliam.

Rasmussen presented an offer from Carolyn Hawkins, who conducted an artistic arrangement Judges Training session at the Atlanta Convention. Hawkins has offered to re-write the section on Exhibition Judging Artistic Division, in the Judges Training Handbook. The offer was referred to the Handbook Revision Committee.

A. Waite gave a brief update on the Wister Medal. The Wister Medal Fund is being overseen by Region 1. The fund has received \$2600 in contributions to date. A. Waite called attention to the design contest for this new medal and recommended a notice in the *Bulletin* for further information.

With regard to the mailing of *Bulletins* to those who are late with renewals, Lineberger moved, Harder seconded, that those renewal members who pay dues after June 30 and December 31 will receive the current *Bulletin* only if they request it from the Membership Secretary. Motion carried.

Treasurer Corlew explained certain details in the Annual Financial Report and the Proposed Budget, both of which had been previously distributed to Board members for study. After presenting background on actions being recommended to the Board, Corlew moved, Lineberger seconded, that the Scientific Fund be deactivated. Motion carried.

Corlew moved, Stahly seconded, that the Publication Fund be capped at \$100,000. Motion carried.

Corlew moved, Jones seconded that the 1992 Annual Financial Report be accepted. Motion carried.

Stahly moved, Niswonger seconded that AIS sections be provided, if requested, with up to \$500 in attorney fees for consultation with Attorney Spain for help with Articles of Incorporation, the incorporation itself, and appropriate constitution and by-laws revisions as required by the AIS reorganization plans. Motion carried.

Stahly stated that all correspondence with attorney Spain should be directed through the AIS Secretary.

Corlew moved, Stayer seconded, that salaries for the *Bulletin* Editor, Advertising Editor, Registrar-Recorder, and Membership Secretary be raised in monthly amounts of \$50, \$12.50, \$12.50, and \$25, respectively, with changes retroactive to October 1, 1992. Motion carried.

Corlew moved, Waite seconded, that the proposed budget be adopted as amended and that it be noted that as amended it becomes a deficit budget. Motion carried.

Stayer stated that all the papers and cards that need to be signed for the Standard Banking Resolutions for change of officers are at hand and should be signed immediately at the end of the meeting.

Stayer read a letter from the Albuquerque Iris Guild inviting the AIS to hold the 1994 fall Board meeting in Albuquerque, New Mexico, on either October 28-30 or November 4-6. Corlew moved, Mahan seconded, that the invitation of the Albuquerque Iris Guild be accepted for November 4-6. Motion carried.

Acting on the motion from a previous session that the president appoint a committee to study convention awards, Barr appointed the following: B. Jones as Chairman, C. Warner, and D. Niswonger. Waters moved, Waite seconded, that the appointments be approved. Motion carried.

Barr announced the 1993 fall meeting will be held November 5-7 in Tulsa, Oklahoma. The 1993 spring meeting will be held April 20-24 at the Worthington Hotel in Fort Worth, Texas.

Before adjourning the meeting, Barr thanked the Greater Kansas City Iris Society for their hospitality and for a job well done in hosting this meeting.

The meeting adjourned at 11:00 a.m.

Jeanne Clay Plank, Recording Secretary

ANNOUNCEMENTS

The 1989 Check List is now available. It can be ordered from the Publication Sales Director, C.J. Lack for \$15 postpaid. See AIS Sales Items page for complete information.

The 1992 Registrations and Introductions booklet is available from the Publication Sales Director for \$5 postpaid.

All persons whose names appear in the front of the *Bulletin* or on the RVP page should send telephone numbers to the editor if such information is to appear in the *Bulletin*. The AIS Board approved listing these numbers at its most recent meeting in Kansas City.

All persons or clubs who make a donation to the Wister Medal fund will be listed in the *Bulletin*.

Remember that there is a design contest for the Wister Medal. If you are interested in entering this contest, contact Lynn Markham, P.O. Box 154, Lunenburg, MA 01462.

The contract specified that the cover of the 1989 Check List be royal blue, but a casebinder's error resulted in its being a duplicate of the 1979 Check List cover color.

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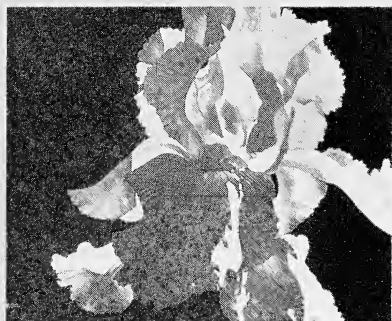
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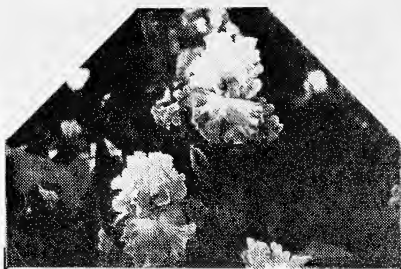
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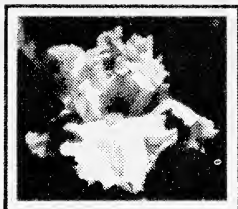
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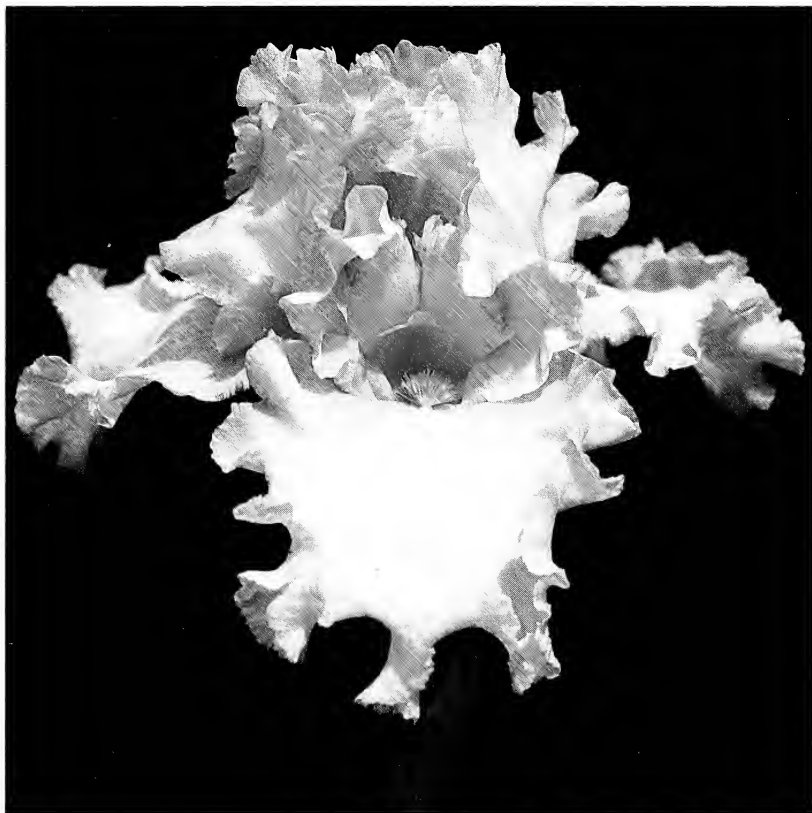
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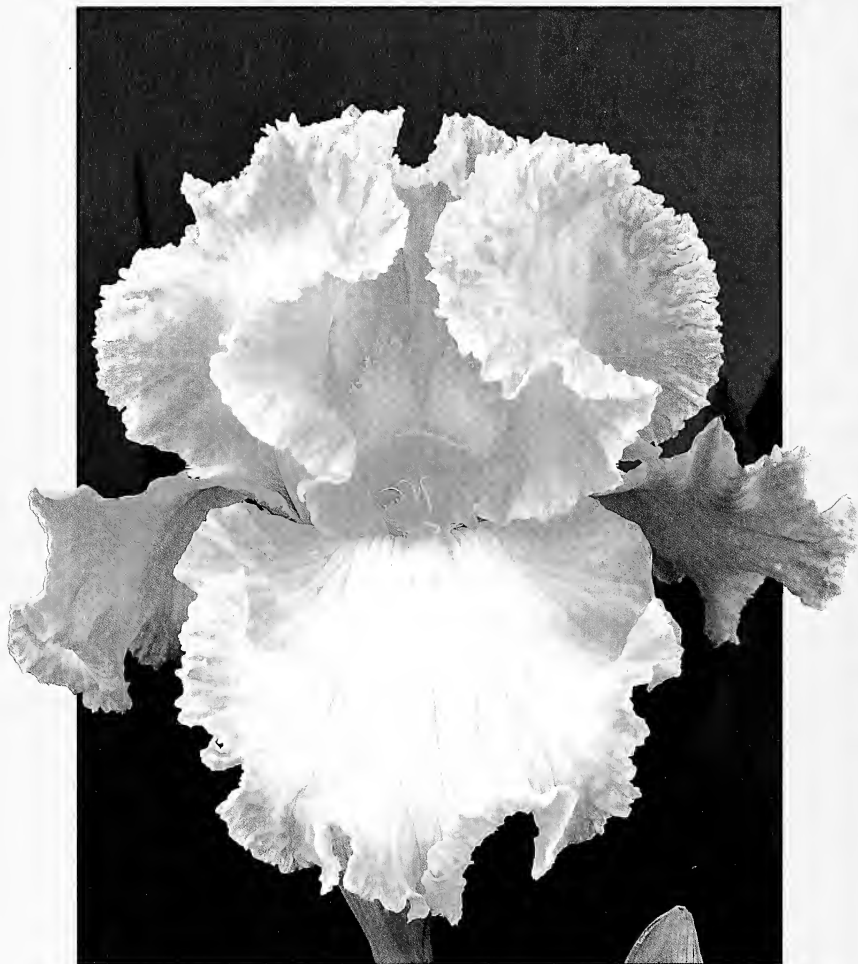
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Number 289 April 1993



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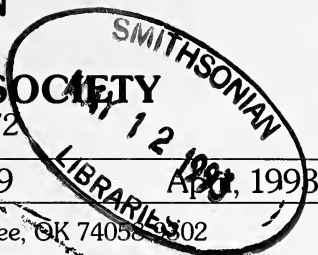


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**BULLETIN
OF THE
AMERICAN IRIS SOCIETY**

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On The Cover: A scene from Cooley's Garden in Silverton, Oregon shows tall bearded irises at peak bloom. Photo courtesy of Cooley's Garden.



From the Desk of the President

Claire B. Barr

By the time this message reaches you the dreary days of winter will be a thing of the past, and many irisarians will be looking forward to spring shows, spring regional meetings, and the convention in Fort Worth, as well as the meetings planned by some of the AIS Sections. Excitement runs high each year at this time as we step into the spring bloom season once again.

It is a fact of life, however, that year-round activity by many dedicated lovers of irises is needed in order to bring about the greatest enjoyment for the most people in the spring, and needed as well to continue to promote the improvement of and education about irises. It is the people in The American Iris Society, each and every one of you, who make these things possible. And while it is the love of irises which involves us initially, most of us come to realize at some point that it is the people we meet who help to keep us involved.

In the previous message, the need for careful planning and long-term goals was stressed. At the fall Board meeting, also, goals and priorities were mentioned, with "perfect harmony" listed as the ultimate goal. Where there are people, there will be disagreements, but there can be harmony and accord even with disagreement where there are open minds and positive attitudes. Please let me know your thoughts about long-term goals and plans. Send your complaints, but send your positive ideas as well. Communication is important, and constructive dialogue is very important to the health of the society.

At the fall Board meeting in Kansas City, following the announcement of the results of the voting on the Bylaws revision, T. A. Gilliam was welcomed and invited to take his seat at the Board table as the voting RVP Board representative. This is indeed a significant step forward in the annals of the AIS.

The search for a permanent home for the AIS Library continues, and donations will be accepted by the Library Endowment Fund.

May you have a beautiful bloom season, spectacular shows, and the best meetings and conventions ever. Then if you have some thoughts about planning and goals, please jot them down and send them along.

AMERICAN IRIS SOCIETY NATIONAL CONVENTION

HERSHEY, PA 1995

REQUEST FOR CONVENTION GUEST IRISES

The Susquehanna Iris Society and Region 3 of The American Iris Society will host the American Iris Society Convention in 1995. The Guest Iris Committee invites hybridizers to send guest rhizomes of irises for display at this convention. These guests should be recent introductions or seedlings under serious consideration for introduction.

When sending guest irises, please observe the following guidelines:

1. A maximum of three rhizomes of each variety will be accepted.
2. The guest irises will be accepted until September 15, 1993.
3. The following information should accompany each plant:
 - a. Hybridizer's name and address.
 - b. Name or number of the variety or seedling.
 - c. Type of iris.
 - d. Height and color.
 - e. Year of introduction, if introduced.
4. All guests should be shipped to:
Carl Rojahn, Guest Iris Chairman
2855 Prospect Avenue
York, PA 17404
717-764-2177
5. If a guest seedling is named, it will be the responsibility of the hybridizer to notify the Guest Iris Chairman not later than December 30, 1994, in order that the name can be included in the convention booklet.
6. A receipt will be mailed to all contributors.
7. In April of 1995, instructions as to the disposition of the guest irises will be requested of each contributor. Failure to reply by June 15, 1995 will be deemed permission to destroy all stock. Official guest irises which are to be returned will be shipped postpaid except to foreign addresses. All necessary permits for foreign shipment will be the responsibility of the hybridizer.
8. The Convention Committee and owners of display gardens will follow the Code of Ethics as printed in the AIS convention handbook.
9. The Guest Iris Committee will not be responsible for losses beyond its control.
10. Only irises received through the Guest Iris Chairman will be listed in the Convention booklet.

Harold L. Griffie—
Convention Chairman

FOUR WOMEN ARE HONORED BY THE AMERICAN IRIS SOCIETY

At the meeting in Kansas City, the AIS Board of Directors voted to award two Distinguished Service Medals and two Hybridizer's Medals. Catherine Long Gates of Colorado and Jeane Stayer of Oklahoma were selected as winners of the prestigious Distinguished Service Medal. Mary Louise Dunderman of Ohio, whose name immediately makes one think of miniature tall bearded irises, and Mary Dunn of California, who has specialized in tall bearded and Louisiana irises, were awarded the Hybridizer's Medal. All four ladies have made significant contributions to the world of irises.

CATHERINE LONG GATES

As the daughter of avid irisarians, Catherine Gates can't remember when she was not attending iris meetings, but she does remember that she joined AIS in 1973. Ten years later she was a judge and was named to chair the AIS Youth Committee. In May, 1984, she was elected to complete the Board term of AIS President Ron Mullin. She completed her term as a director in November, 1991. During her tenure, Catherine was a member of the Scholarship Fund Study Committee and served four years as Chair of the Scholarship Committee.

In Colorado, she served as secretary-treasurer of Region 20 for nine years. She helps to maintain and administer the Region 20 Tall Bearded Display Garden. She was involved in helping host the AIS Conventions in Colorado in 1963, 1967, and 1982. She has introduced two irises that received honorable mention at the 1978 Premio Firenze competition.

It is at Long's Garden where she spends most of her time. She has been a part of the garden and its activities all her life and has been manager of the business for twelve years. Her parents, Ev and Anne Long, and her husband, Dennis Gates, are all involved in the operation of the business which has been part of the family for three generations.

Catherine belongs to several iris societies, including those in Australia, New Zealand, and Great Britain. She and Ray Schreiner gave a program at the New Zealand Iris Society's 1991 Convention in Rotorua.

As a lover of the great outdoors, Catherine enjoys hiking, camping, cross country skiing, and gardening. She says this is what makes her job at the garden so agreeable. She is a very witty person, and she says she "loves all plants, even weeds, and that must be why she has so many of them." Anyone who ever visited Long's Garden knows that it is beautiful and NOT taken over by weeds.

Long's Garden is very near the campus of the University of Colorado, so it is only natural that Catherine attended that university. Since those college days, she has promoted irises in many ways—through her garden, her programs for clubs around the country, and her attendance at as many iris functions as possible. For her work on the Board of Directors and the many other things she has done for improvement of the iris world, Catherine Long Gates was awarded the Distinguished Service Medal.



CATHERINE LONG GATES



JEANE STAYER



MARY DUNN

JEANE STAYER

Native Oklahoman Jeane Stayer has been an AIS member since 1972 and has worked tirelessly for the organization since that time. She has been involved at all levels: as officer in the Rolling Hills Iris Society and the Sooner State Iris Society, as membership chairman of Region 22 (Oklahoma—Arkansas) for three years, and for eight years as its Secretary. She re-organized and headed the National Robin Program of AIS before taking on the position of Secretary of The American Iris Society in 1984. In 1985 Jeane Stayer was elected to the Board of Directors of AIS. She is presently holding the latter two positions.

When Jeane accepted the Secretary position, the headline in the BULLETIN read: "Jeane Stayer—Super Secretary". It went on to say that she was expected to bring with her "a desire to do a super job, contagious friendliness, efficiency, and utmost cooperation in working with the society's management team." Jeane is truly doing all of this and devotes countless hours to AIS business.

A graduate of Hershey's Business College in McAlester, Oklahoma, Jeane has pursued a career as a legal and financial secretary. With her husband Larry, a Project Engineer with Flight Safety, International, she maintains a lovely yard where wildflowers and unusual plants grow among the irises. She likes to spend any spare time cooking; baking; reading; attending the theater, concerts and symphonies; and she is actively involved in the Tulsa Garden Center and her church.

MARY LOUISE DUNDERMAN

Information and a picture of Mary Louise will appear in a later edition of the Bulletin.

MARY DUNN

From their small garden in North Highlands, California, Bob and Mary Dunn have produced many quality iris introductions. Mary has been particularly successful with the Louisiana irises, winning three Debaillon Medals for MONUMENT, BAJAZZO, and RHETT. Three of Mary's irises were winners in the Australian competition for foreign irises. The three were all Louisiana irises: DELTA DAWN, C'EST CHIC, and BAYOU MYSTIQUE. For her achievements, Mary has been awarded the AIS Hybridizer's Medal.

After buying six irises from the nursery where she worked, Mary then visited an iris show. It was visits to the gardens of the Terrells, Neva Sexton, and Carl Quadros that nurtured her interest, and when she saw MOON RIVER at Neva's and listened as Neva and Joe Ghio discussed hybridizing, she decided to begin her hybridizing program. When the Carnahan sisters gave her some Louisiana irises, she fell in love with them and added to her collection the best of the class that Melrose Gardens had to offer.

Louisiana irises are Mary's domain at the Dunn's M.A.D. Iris Garden. Bob does not hybridize with them at all. Although she has many quality tall bearded introductions, it is fitting that Mary's greatest achievements to date have been with the Louisianas. The Sacramento area is a long way from the swamps of Louisiana where these irises originated, but Mary's success shows off their adaptability to different climates. Mary's quest for improvements of the Louisianas and her significant contributions to the tall bearded iris world have led to her Hybridizer's Medal. It should serve as an incentive to others, because it shows that one need not have abundant space to create award-winning irises.

NEW REGIONAL VICE PRESIDENTS

Barbara Schmieder—Region 1

Barbara grew up in Huntsville, Alabama, and lived a block from her grandmother, who had a wonderful garden. Irises were a specialty of hers. She was related to Agnes Whiting and was sent many of the newer varieties. When David and Barbara bought their first house in 1957, Barbara sent an order to Iris Test Garden for 18 varieties, and to her great joy, they all bloomed the first year. She has ordered every year since then, and in 1961, she joined AIS. The first irises were grown in Huntsville, but since 1965, the Schmieders have lived in Concord, Massachusetts.

Barbara has been president of the Huntsville Iris Society, took some time off to raise 4 children, then became a charter member of the Iris Society of Massachusetts (and its first secretary). Some of the jobs she has held are: show chairman, sale chairman, Regional Judges' Training Chairman, and ISM treasurer. She is a board member of both the Dwarf and Median societies and Display Garden Director for the Dwarf Society. The Schmieder's garden was on tour for the 1983 Boston Convention, the 1989 Median Spree, and is presently being prepared for the 1996 Siberian Convention. If David weren't as avid a gardener as Barbara is, she says none of this would be possible.

David and Barbara grow about 800 different irises in all classes except pure arils, and they have even tried growing those. ALL of the irises are her favorites, but if pressed, she would probably choose the SDBs and evansias as her top choices.

Besides irises (and her husband, of course), Barbara's other passion is the piano (which was her college major). She belongs to a group of about 16 women who meet monthly to play 2 piano pieces. Every year in June, they are given a treat—they and their husbands are invited to a garden tour at the Schmieder's during peak bloom. The group looks at the garden, has dinner on the deck, then has a piano recital. What could be nicer than the combination of irises, music, and food?

John T. Schueler—Region 2

John was born in Danbury, Connecticut, where his first iris memory is of a drive lined with HONORABLE to be cut for Children's Sunday at church each year. It wasn't until the 1970's that John rediscovered irises. He and wife Helen had collected over 80 varieties, mostly from a local grower in Cicero, New York (near Syracuse), when the bed was wiped out by iris borer.

Several years later, in 1983, the Schuelers were enticed by the Empire State Iris Society booth at the State Fair. Lil Gristwood soon convinced John to sign Helen up for AIS membership. After the 1984 auction and sale, the Schuelers were the proud owners of over 100 irises; John just couldn't resist a pretty iris face—or name—or description. About this time, Helen suggested that he'd better join AIS too, and both began to take part in local Iris Society activities, while they expanded their collection to its current size of over 1000 varieties.

The Schuelers got plenty of encouragement, good advice, and generous iris gifts from such fine local irisarians as the Gristwoods, Bill Cooper, Maggie Lou Smith and Jane Hall. These folks encouraged an interest in Siberians, especially Dr. McGarvey's work, and in medians, and the Schuelers now grow at least a few of every major iris class. They are members of the Siberian, Japanese, Median and Historic Sections of AIS and host a Median Display Garden. They are both newly accredited AIS judges.

Blessed with space, and unable to say no to any new or intriguing perennial, it was almost inevitable that a commercial venture would result. Helen retired in 1988 and John in 1990 (from teaching). Together with one son fulltime and lots of input from the rest of the family, they operate Phoenix Flower Farm, specializing in irises and daylilies. Through the nursery, they introduce gardeners and landscapers to the newer varieties of irises, and particularly emphasize the value of Siberian, Japanese and species irises for landscaping. Hybridizing is a growing interest for John, with many rebloom crosses to bloom in 1993. Most will, of course, be trashed, but he has the "bug."

John was local show chairman for five years and has been Area Vice Chairman and Chairman for three years each. He helped plan the state meeting in the Syracuse area in 1991. After an apprenticeship, he took responsibility for the exhibit which the Region has maintained at the New York State Fair for many years. He was elected Vice President of ESIS (i.e., Assistant RVP) in 1991, and was elected RVP effective January 1993.

Dr. E. Roy Epperson—Region 4

Roy has been growing irises for over forty years. It all began with a gift of rhizomes from an AIS member; then the purchase of THE RED DOUGLAS from Sears, Roebuck; and then a collection from Cooley's. Now his hobby garden, Kirklee Iris and Hosta Garden, is filled with up-to-date plantings of mainly tall bearded and Siberian irises and hostas and daily reminders of all those dear friends, past and present who improved the garden with their gifts.

A member of AIS since 1959, a Master Judge, and a member of the Society for Siberian Iris, he has been President of the North Carolina Iris Society (now defunct), editor of the NCIS Bulletin, local AIS Chapter President, Editor of the Region 4 NEWSCAST, chair of Judges' Training for Region 4, as well as Assistant RVP and RVP of the Region. This is his second rotation as RVP as he was RVP for the four-year period 1977-1980, serving one year to complete the term of the RVP who died in office and then three elected years. Currently, he is Treasurer of the local AIS Chapter and chair of Judges' Training for Region 4 in addition to duties as RVP.

A native of Mississippi, Roy is Vice President for Administrative Affairs and Professor of Chemistry at High Point University, High Point, NC. He earned the B.S. in Chemistry for Millsaps College, the M.A. in Chemistry from the University of North Carolina at Chapel Hill, and the Ph.D. in Chemistry from the University of the Pacific in Stockton, California. He taught for nine years at Elon College (NC) before coming to High Point University in 1966. One of Roy's major responsibilities is daily oversight of all University buildings/facilities and grounds/landscaping. For over twenty years he has served as a Resource Person and Evaluator with the Commission on Colleges of the Southern Association of Colleges and Schools, the regional accrediting agency for educational institutions. One of those assignments required two trips to Ogbomosho, Nigeria. An active churchman in the United Methodist Church in addition to numerous other community involvements, he is active in the North Carolina Association of Institutional Research and state and local Elderhostel activities. Other than irises, hobbies include hosta, reading, and gourmet cooking (especially fancy wedding cakes).

Kirklee Iris and Hosta Garden is named for the women in his life. He is married to Virginia Lee, their older daughter is Sandra Lee, their younger daughter is Melanie Kirk, and his mother was Icie Kirk. There are also three grandchildren, one of whom is Epperson Lee. Therefore, Kirklee. Virginia is not an irisarian, but she loves iris people and appreciates that Roy is always just a "yell away" in the back yard gardening!

Mike Moller—Region 20

Mike was born and raised in Omaha, Nebraska. He started working for UNISYS as a computer field engineer in 1972. He attended the University of Nebraska at Omaha. In 1974 he purchased his first irises from Schliefer's Iris Gardens in Murdock, Nebraska. In 1977, UNISYS moved him to Colorado Springs, Colorado, to work inside Cheyenne Mountain at NORAD.

He continued to grow irises and started to enter shows in 1980. He joined the Elmohr Iris Society in 1982. Mike became the local sales chairman in 1983-84, Vice-president in 1985-86, and President in 1987-88. Mike was also approved as an AIS Garden Judge in 1987. During his time as president, he envisioned a new method of testing irises and started the Dr. Loomis Memorial Iris Trial Gardens. He started the garden with the intent that someday this garden would be one of many National AIS Trial Gardens placed in unique growing areas. Although the National idea has never been accepted, the garden has received a good response from hybridizers across the country and around the world. Mike produces a yearly video that is mailed to all RVPs, so all AIS members may enjoy and learn from these gardens.

Mike has approximately 400 irises at his home. He also has another garden (that gets only rain water) where he keeps many varieties and seedlings. His hybridizing has been limited, but his first introduction, FRENCH PERFUME, was introduced in 1990. His second iris, ANNE MURRAY, named for the country singer, has been registered, and he is currently building up stock.

Mike has participated in most AIS Conventions since his first in Phoenix. He was also chairman of the first Rocky Mountain Regional Iris Tour. This is a joint venture between Region 20, 23, and 15. His experience at point scoring irises in the garden has helped him give many informative Judges training sessions on that subject, as well as others. Mike admits that many of his accomplishments have been joint ventures with his wife Nina and daughter Shelly helping him to achieve his goals. His newest goals as RVP include planning for the AIS Convention in 1998 and increasing Judges Training and iris education in the region.

Roger Mazur—Region 21

Born in New Jersey in 1940, Roger Mazur became interested in flowers as a teen. He attended a show at the New York Coliseum where he bought his first seeds—double petunias. And since then, he's planted just about everything he can from seeds.

Another interest, photography, developed during those formative years—starting at Lehigh University as a still photographer for the school newspaper and continuing until he became a professional. It was Mazur who was responsible for the "Video Tour of the Gardens" which many of you saw prior to the 1990 National Convention in Omaha.

Mazur was Garden Chairman for that tour, one of a number of positions he's held as his commitment to irises developed over the years. His introduction began in 1974, while driving through Norfolk and the Emma Pedersen garden. So moved was he by their form, that he literally jammed on the brakes to get a better look. Emma put catalogs and plants into Mazur's hands, and within four months he had purchased over 125 varieties!

Anyone who knows Mazur understands that he always mixes abandon with scholarship, and so over the years he's taken countless classes and in 1977 became an iris judge. Currently, he holds the title of "Master Judge."

In addition to exhibiting regularly in the horticultural division of shows, Mazur has been challenged by the design aspects of irises and has pushed for higher

standards in this category. Towards this end, he's become a judge in the National Council of Federated Garden Clubs which has given him the opportunity to advance his knowledge not only in irises but other genera as well.

His overall interest in design has extended to landscape endeavors as well where he uses computer graphics to create botanical blueprints for both public and private gardens.

As RVP for Region 21, one of Mazur's goals is to standardize iris judging to eliminate the vast inequities that still occur—especially in point scoring irises on the exhibition table.

When the poet, John Dryden, wrote in the 17th Century—*Beware the fury of the patient man*—he may well have been speaking of Mazur. For all the painstaking reading of the books and the literature, for all the lessons to be learned in the natural unfolding of growing things, Mazur is passionate about perfection, albeit illusive, albeit unattainable. Nevertheless, he strives.

Maxine Perkins—Region 23

Maxine was born and raised in Tucumcari, New Mexico. Both Maxine and her husband, Therman C., better known as Perk, are native New Mexicans. Their families came to homestead in the early 1900's before New Mexico became a state.

Maxine was an only child and grandchild, so she grew up with adults. They were all farmers and gardeners, so working outside and growing all kinds of perennials, especially irises, was just part of growing up for Maxine. Thumbing through iris and flower catalogues was and still is a winter pastime.

She attended UNM, then transferred to NMSU, to graduate with a BA in Home Economics, in order to work for the Extension Service located at NMSU, which was known as New Mexico A&M in those days. Maxine worked as a 4-H Agent and later as both 4-H Agent and Home Agent. This only lasted about two and a half years, because she married the County Agent. After that, Maxine worked with the Rural Electric Cooperative demonstrating the uses of electricity to the rural families receiving electricity for the first time. Gainful employment ended with the arrival of the first of five children and Maxine wasn't employed again until the fifth child was 10 years old and the first one was ready to start college. By this time Maxine had returned to NMSU for elementary education credits and finally a Master of Teaching degree. She taught fifth grade for the next 21 years. This is her second year of retirement, and she highly recommends it to one and all. She and Perk hope to do more traveling and enjoy the six grandchildren they have been blessed with.

Maxine and Perk married in 1951 and ordered their first irises in 1952. They have never been without them. They moved three times but the irises moved also. The last move was to the Las Cruces area. They bought a house on the south side of Las Cruces in Mesilla Park and still live in it 28 years later.

As the years passed, and time and money permitted, Maxine's interest in irises grew. She joined the Mesilla Valley Iris Society, made many new friends, and for the first time she could trade irises and visit other gardens. She served as President, Vice-President, Show Chairman, and Sale Chairman many times. She

began going to Regional meetings, and actually met some hybridizers, then she joined AIS in 1977 and started going to National Conventions in 1982. She became a Garden Judge in 1984 and became active in the Region. She served as Assistant RVP and became Judge's Chairman for Region 23, serving for six years. In 1989 she became President of the Spuria Iris Society Section of AIS. She goes out of office in 93 when the new officers are elected during the Ft. Worth Convention. As you may well imagine, with all this iris activity the yard has changed. Where a few tall-bearded irises and some aril-breds bloomed among the perennials there are now 575 different varieties, fewer perennials, and smaller grass areas. The majority of irises are still tall-bearded, but the spurias are making a statement with almost 100 varieties. Medians of all kinds, Louisianas, and Siberians all seem to be happy in the Land of Enchantment.

Maxine is looking forward to the future with pleasure as she serves Region 23 as their RVP and feels honored to have been chosen.

Gordon Green—Region 17

Gordon Green was born and raised on a farm in Peoria County, Illinois. After graduating from high school at an early age, he had to wait until he turned seventeen to be able to work at Caterpillar Tractor Company in Peoria in the inspection department. After working for over two years, he enlisted in the U.S. Army and was stationed in Texas where he met Pauline, a student nurse at Dallas Methodist Hospital, on a blind date. They were married the following spring. Pauline stayed in Dallas to finish nurse's training, and Gordon was sent to Germany with the Second Armored Division when the Korean conflict began.

After returning to the States, they moved back to Illinois, and he took his old job at Caterpillar. While working at Caterpillar, he started in Pre Med at Bradley University in Peoria. After completing the required courses, Gordon was unable to afford to continue on to Med School because by this time Gordon and Pauline had two little Greens, Marcus and Mary. Gordon entered St. Francis School of Medical Technology. After a year of internship, he passed the American Society of Pathology exam to become a registered Medical Technologist. He was employed by St. Francis as the night technologist for two years working from 6 p.m. to 7 a.m. six days a week. After burn out on that job, he and Pauline returned to Texas, and they both worked at McCuiston Hospital in Paris, Texas, for thirteen years before leaving and taking employment at Sam Rayburn Memorial Veterans Center in Bonham. Gordon is Supervisory Medical Technologist and Chief Technologist at the Veterans Center.

Upon moving to Bonham, Gordon became interested in irises. He is past president of Texoma Iris Society and the Iris Society of Dallas. He has also served as treasurer of Region 17 for nine years and has held many other positions in the iris societies to which he and Pauline belong. They are also members of Fort Worth Iris Society, and their "Greenknoll" garden (named by Gordon's brother) will be on the 1993 Convention tours.

Claire Honkanen—Region 5

Claire is a native of Fort Wayne, Indiana and attended Indiana University. She married her husband, Arvid, a chemical engineer, in 1949, and they had four children. They have lived in a number of areas throughout the country and are now settled in South Carolina. They live on a barrier island, Isle of Palms, near Charleston.

Claire is interested in all aspects of horticulture and has been a nationally accredited master judge for some time, as well as an iris judge. She has taught horticulture classes, particularly in greenhouse technology and container gardening.

In 1984 she learned that The American Iris Society was sponsoring a trip and tour of Japan, being led by Ed Varnum, and she registered promptly. She felt she was introduced to Japanese irises in a grand fashion.

Prior to this trip, she had participated in a number of iris shows in South Carolina and Georgia, entering primarily in the design section. While she had always grown bearded irises in her garden, the beardless became a new interest and challenge, especially Japanese and Spurias.

The national conventions have been on her calendar since 1984, and she has been active in Region 5 serving as chairman of various committees.

Claire is involved in church activities, enjoys music, golf, and collecting antiques.

AIS MEMBERSHIP RATES

Single Annual	\$ 12.50	Dual Triennial	37.50
Single Triennial	30.00	Single Life	250.00
Dual Annual	15.50	Dual Life	300.00
Youth Member, Without Bulletin			3.00
Youth Member, With Bulletin			4.50

OVERSEAS RATES

Single Annual	\$15.00	Dual Annual	\$18.00
Single Triennial	37.50	Dual Triennial	45.00

Overseas memberships include first class Bulletin and are payable in U.S. Currency

SECTION MEMBERSHIP RATES

	single annual	single triennial	family annual	family triennial
Median Iris Society	5.50	15.00	8.00	22.50
Society for Siberian Irises	5.00	13.00	6.00	15.00
Spuria Iris Society	5.00	12.00	6.00	14.00
Society for Japanese Irises	3.50	9.00	4.00	10.50
Reblooming Iris Society	4.00	10.00	5.00	12.00
Society for Pacific Coast				
Native Iris	4.00	10.00	5.00	12.00
Species Iris Group of				
North America	4.00	10.00	5.00	12.00
Louisiana Iris Society of America	3.00	8.00	4.50	12.00
Dwarf Iris Society	3.00	8.00	4.50	12.00
Historic Iris Preservation Society	5.00	12.00	6.00	15.00

Membership in AIS sections is open to all AIS members. Payment may be made directly to the Section, or may be made payable to the American Iris Society and sent to AIS Membership Secretary, Marilyn Harlow, P.O. Box 8455, San Jose, CA 95155-8455

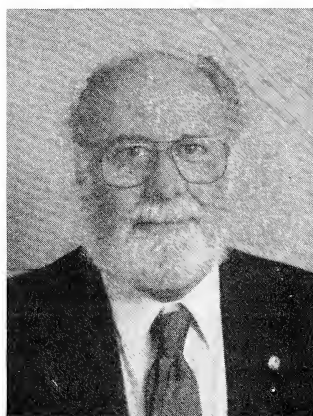
NEW REGIONAL VICE PRESIDENTS



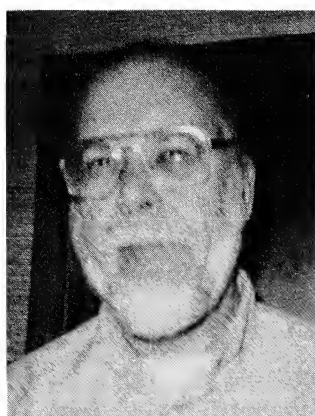
Maxine Perkins



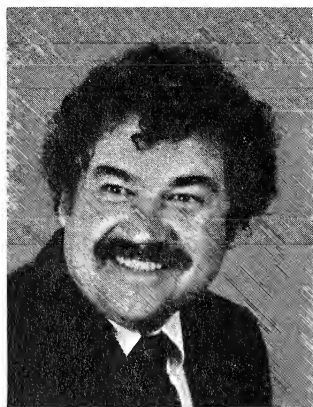
Claire Honkanen



Gordon Green



John T. Schueler

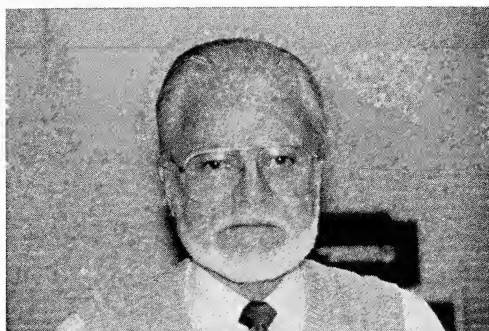


Mike Moller



Roger Mazur

NEW REGIONAL VICE PRESIDENTS



E. Roy Epperson



Barbara Schmieder

CONTRIBUTORS TO WISTER MEDAL

Barbara Schmieder (Massachusetts)

Region 1
Region 2
Region 4
Region 18
Region 19 (Honoring Mel Leavitt)
Region 22
Elmohr Iris Society
Iris Society of Massachusetts
Lincoln (Nebraska) Iris Society
Maine Iris Society
San Fernando Valley Iris Society
Siouxland Iris Society
Tulsa Area Iris Society
Shirley L. Pope
Barbara J. Schmieder

1993 MEMBERSHIP CONTEST

The 1993 Membership Contest follows the same rules as those used in 1992. Three separate and distinct awards will be presented at the 1994 Convention—one to the youth, one to the adult and one to the affiliate with the most total points. Certificates of achievement will be awarded to the individual youth, adult and affiliate in each region who obtains the largest number of points. A minimum of 30 points is necessary to qualify for any award. Names of the award and certificate winners will be published in the future.

Each affiliate must decide whether its members will participate as individuals or as a group.

Point Scale

- 10 points for each new single annual membership
- 10 points for each new youth member added to an existing family membership
- 15 points for each new family annual membership
- 20 points for each new single triennial
- 25 points for each new family triennial
- 25 points for each new youth member registered as a solitary member

The following points will be given for conversion from annual to triennial membership, providing the membership has been in effect for a minimum of one year:

- 10 points for converting from single triennial to family triennial
- 25 points for converting from single annual to single triennial
- 25 points for converting from family annual to family triennial
- 100 points for each single life membership
- 150 points for each family life membership

Rules

1. Membership application and payment of dues are made directly to the AIS Membership Secretary and may be submitted by the recruiter or by the new member.
2. The RVP or Membership Chairman of the contestant's Region and the AIS Contest Chairman (Melody Wilhoit, Rt. 1, Box 141, Kansas, IL 61933) should be notified by the recruiter within 30 days.
3. Each new membership should be reported on separate 3 × 5 cards. The following information is needed: the name, complete address and region number of the new member; the type of membership—annual, triennial, or life; the name, address, and region of the recruiter. Only those memberships reported correctly will be awarded points.
4. Renewal of memberships following a lapse of two years will count as new members.
5. New memberships received by the Membership Contest Chairman postmarked after December 10, 1993 cannot be counted for the 1993 contest but will be automatically credited to the recruiter for the 1994 contest.

1992 MEMBERSHIP CONTEST RESULTS

Clarence Mahan (Virginia)

Nina Moller of Colorado Springs, Colorado (Region 20) racked up 330 points to become our winning individual recruiter in 1992. For the second time in three years, the Francis Scott Key Iris Society (Region 4) was the winning affiliate society with 310 points. Special plaques will be awarded to Nina and the Francis Scott Key Iris Society at our coming convention in Fort Worth.

Jeanne Clay Plank (Region 15) was first runner up in the individual contest with 255 points. Gloria McMillen (Region 16) had 180 points to come in third. A total of 24 members participated in the contest. Individual regional winners, who will receive a special commendation certificate, are:

<i>Member</i>	<i>Region</i>	<i>Points</i>
Virginia Spina	2	30
Caryll Randall	4	150
Steve Smart	5	150
Lottie M. Lough	7	40
Jim McWhirter	14	100
Jeanne Clay Plank	15	255
Gloria McMillen	16	180
Nina Moller	20	330
Lester Hildenbrandt	21	45
J. L. Christopher	24	35

Half of the AIS regions had members and/or societies who participated in the contest. Region 4 won the (nonexistent) participation award hands down with 7 affiliates and 11 members sending in entries. Rich Randall, Region 4's Membership Chairman, manages regional participation and certainly deserves high praise for his outstanding effort. The three affiliates winning the highest number of points were all from Region 4. In addition to Francis Scott Key Iris Society, the Chesapeake and Potomac Iris Society had 260 points and the Fredericksburg-Richmond Iris Society had 140 points.

The iris societies which will win special certificates are:

<i>Affiliate</i>	<i>Region</i>	<i>Points</i>
Empire State Iris Society	2	75
Francis Scott Key Iris Society	4	310
Iris Club of Southeast Michigan	6	30
Louisville Area Iris Society	7	45

Congratulations to all the winners! Thank you very much for taking the time to support AIS by participating and helping us build our society. And a special "thank you" to Marilyn Harlow for all her help . . . how lucky AIS is to have Marilyn! And remember, folks, *don't* send your membership contest entries to Marilyn . . . send them to the contest chairman.

The 1993 Membership Contest Chairman is *Melody Wilhoit, Route 1, Box 141, Kansas, IL 61933*. All new contest entries should be directed to her.

A BASIC GUIDE TO RECOMMENDED CULTURAL PRACTICES

J. Farron Campbell (Texas)

The Louisiana iris is a relative newcomer to general garden culture. Fifty years ago only a handful of specialists were really aware of this native iris. One of the biggest hindrances for their widespread use in gardens has been a misunderstanding of their cultural requirements. No, you do not need a pond or bog to grow them. This is just another example of their adaptability, and that is what makes a great garden subject—adaptability.

The species of the *Hexagonae* series grow in Georgia and the Carolinas, from Florida to Texas along the Gulf of Mexico, and up the Mississippi valley into Arkansas, Missouri, Ohio, and Indiana. The geographic regions represented are quite varied in temperature, annual rainfall, and soil conditions. The range of the modern garden hybrids has encompassed the globe. Louisianas are being grown successfully from Canada to Australia, from Japan to Germany.

Site & Soil

The site chosen should be as sunny as possible, unless you live in an area where summers tend to be long, hot, and dry. In this case, some afternoon shade may be beneficial. Areas of deciduous shade are acceptable, but avoid areas of heavy shade. The irises will grow, but bloom will be reduced greatly.

The soil must be the grower's first consideration. A thorough soil test should be performed before you add amendments. Take the samples from several locations in the area chosen for planting to insure a true representation. Consult your Agriculture Extension Service for testing facilities, or buy a home test kit for the simpler test. The things you'll want to test for are pH (acidity or alkalinity), soluble mineral salts, nutrient content (nitrogen, phosphorus and potassium), and organic matter content.

The pH scale ranges from 0 to 14 with 7.0 being neutral. Any value below pH 7.0 is acidic, and any value above pH 7.0 is alkaline. The numbers make up a proportional scale. In other words, the lower the number (below 7.0) the more acidic the soil; the higher the number (above 7.0) the more alkaline the soil. Louisiana irises prefer an acidic soil and are native to regions of the country where acidic soils predominate. But Louisianas do appear to tolerate slightly alkaline conditions, especially if kept constantly moist.

The pH affects the ways in which plants grow because certain nutrients become unavailable chemically in overly acidic or alkaline soils. One example of this is iron deficiency (chlorosis). In acidic soils iron is readily available, but in alkaline soils it becomes chemically "locked up"—iron is present in the soil, but only in a form which plants cannot absorb.

There are a number of ways in which pH can be lowered. The most economical probably is the addition of organic matter, but the addition of organic matter alone affects soil pH only very gradually. Chemical alternatives are available through the use of sulphur-based compounds or acidifiers such as aluminum

nitrate. Raising the pH, on rare occasions when that step appears advisable, will require the incorporation of agricultural lime. A pH increase of 1.0 will require from 50 to 75 pounds per 1,000 square feet. Read and follow label instructions when applying commercial amendments.

Soil nutrients come in two basic categories, primary elements and trace elements. The primary elements are nitrogen (N), phosphorus (P), and potassium (K). Each plays a vital role in the overall health and performance of plants. Nitrogen promotes leafy growth and overall vigor; phosphorus stimulates root growth, flowering, and fruiting; and potassium regulates a plant's response to heat and cold and promotes overall hardiness. These elements can be purchased in various strengths and mixtures and are represented by the numbers found on fertilizers, in the order of N. P. K. Trace elements most commonly concerning gardeners are iron (Fe), sulphur (S), and zinc (Zn).

Fertility and organic content are very important in growing Louisianas, for they are very heavy feeders. It is doubtful that there can be too much organic matter in the soil. Adding organic matter is always a good idea, but be careful what you use. The most desirable sources are finished compost, brown Canadian peat moss, leaves, or shredded bark. Grass clippings can be used but have some drawbacks. Green clippings will rapidly deplete nitrogen from the soil due to its rapid decomposition. Adding Nitrogen at the time the green matter is incorporated helps offset the problem. Avoid fresh manures, fresh sawdust or wood chips, and domestic black peat moss from the Northern U.S.

The addition of organic matter will help to loosen heavy clay soils (although heavier soils, especially if kept moist and fertile, are not a problem for Louisianas), improve moisture and nutrient retention in loose soils, increase acidity, make the soil more friable, and allow the soil to warm faster in the spring due to increased air movement through the soil. Till the soil to a depth of 12 inches before adding the organic matter. A four-inch layer of compost or peat moss is a good rule of thumb.

My favorite source of organic matter is leaves. They are easily obtained in the fall, since most people have no use for them and will rake and bag them for garbage collection. Shredding leaves will allow for faster decomposition. If you do not have a shredder, a lawn mower can be used. Whenever possible, I start preparing a bed a year in advance. This allows me to keep adding organic matter at monthly intervals.

The goal in preparing soil for Louisiana irises is to end up with a soil that is on the acidic side. This is an interesting point of study for growers. In water culture, pH does not seem as important. I know of one site where a pond was excavated in pure caliche rock and the surrounding soil was not amended, yet the plants show no ill effects from the high pH. (Admittedly, the irises have been growing in this environment only a couple of seasons, so some ill effects may yet be observed.)

In southern Cameron Parish, Louisiana, there are large colonies of *I giganticaerulea* growing in beds of Oyster shells and water, and once again the plants show no signs of a pH problem. Due to the alkaline nature of the water supply (8.5-10.) in the Dallas area, it is almost impossible to maintain an acid bed. My beds test somewhat alkaline, but growth, flowering and multiplication do not appear to be depressed as a result.

To combat this creeping alkalinity, it is recommended that soil acidifiers be added both Spring and Fall, and that your fertilization program make generous use of "acid-forming" fertilizers (often labeled "Azalea-Camelia-Gardenia Fertilizer"). Water-soluble fertilizers applied with a hose-end sprayer are the easiest types to apply to already-established beds. The acidifier will be absorbed through the leaves for quick results, and through the roots for longer-lasting effects.

Watering

Watering questions are the most frequently asked. The beds for Louisianas should not be allowed to go dry, but they do not need to be kept wet. The soil should be kept as evenly moist as is possible. Mulching is the best aid in this quest. The prime growth times for irises are in the fall and spring, the normal wet times of the year. In my area I rarely have to water once the Fall rains set in. If there is an extended period of no rain, I water. Watering is just as critical in the winter as it is in the summer. Allowing the plants to endure a long, dry cold snap will set them back. When watering is required, at least 1 inch of water is recommended. This is the same amount as is recommended for watering the lawn. A good deep watering is always preferable to shallow watering. The only exception I make to the rule of keeping beds evenly moist is when plants are being put in. For roughly 1 month after planting, or until appreciable new growth has begun, I try to keep the beds pretty wet.

In my opinion, mulching is important when growing Louisiana irises in beds (as opposed to water culture). The easiest way to keep soil evenly moist all the way up to the surface is to mulch. Mulching also regulates the fluctuations in soil temperatures and will greatly enhance water conservation. The rhizomes of Louisiana irises are subject to sun scald, which leads to rot and, ultimately, to death of the plant. It is the tendency of the rhizomes to grow at ground level. The foliage will shade them to an extent, but mulching is the answer. Especially across the South, gardeners with beds located in full sun areas must be very careful to protect against scald. Phosphorus absorption is enhanced in alkaline soils as the mulch decomposes.

Mulching is also good for weed control. With properly mulched beds you will have very few weeds to pull, and within a year can break the weed seed cycle in the soil. In my opinion, pine needles make the best mulch. Pine needles, or pine straw, will not blow away or mat down, lasts for several years, and is attractive as well as aromatic in the landscape. Pine needles can be purchased in bales, but finding a supplier may prove a challenge. Hay can be used, but often contains huge quantities of weed seeds. Thrashed wheat and rice stalks make an excellent mulch but are hard to locate and are usually fairly expensive. Leaves should be shredded to keep them from matting down too much. The only drawback with leaves is the difficulty keeping them in place in a wind. Shredded pine or cypress bark can be used with good results and are readily available at most garden centers. Grass clippings should be considered as a mulch material only after a thorough drying out. Green clippings act like a nitrogen vacuum and will literally rob it from the soil—although the nitrogen eventually will be returned as the clippings decay into humus.

Planting & Transplanting

Planting and transplanting the rhizomes are best accomplished in the Fall, at least 3 weeks prior to the average first freeze date for the area. Rhizomes should not be allowed to dry out, ever. As soon as they arrive, remove the wrappings and keep them in pans of water at least overnight, or until planting. They can be held in water for some time without fear. If it is necessary to hold them for planting for several weeks, embedding the rhizomes in wet vermiculite should be considered. The addition of a root stimulator to the water has worked well for me. Since my water is so alkaline (pH 8.5 on the average), I add an acidifier when the plants will be held in water for any period of time before planting.

Fertilization Schedule

A regular fertilization schedule should be maintained for both spring and fall. The hose end sprayer is a quick and easy way to accomplish the task. Digging in the fertilizer around plants is a laborious job and can damage roots and rhizomes. I take to heart that these irises are heavy feeders, and I tend to fertilize more frequently than most growers. Spring applications should commence 4 to 6 weeks prior to the anticipated emergence of the flowering stalks. Louisianas normally start blooming about 2 weeks after the Tall Bearded irises. The fertilizer should stipulate that it is for blooming plants, such as Super Bloom. Acidic fertilizers are available and are generally marked as Rose and Came lia fertilizers. Applications at 2 week intervals prior to bloom works well for me. Fall fertilization should be based on the average first freeze date for your area. As with planting, fertilization should cease 3 to 4 weeks prior to this date. Two or three applications by hose-end application, or good side dressing should yield the desired results. New plantings can be lightly fertilized once after appreciable new growth has begun.

A word of caution about the use of superphosphates. These compounds are highly alkaline and can build up in the soil. Moreover, if soil pH is too high or low the addition of phosphorus will not help plants, even if the plants are suffering from phosphorus deficiency! Phosphorus is particularly sensitive to both high and low pH readings. At a pH of 6.0 it begins to become less available to plants, and at a pH of 5.0 the phosphorus present in the soil cannot be used by plants. On the alkaline side of the scale the same things occurs between 6.9 and 7.8 pH. Applications of lime and phosphate should be separated by at least 2 weeks.

Pests and Diseases

Louisiana irises are amazingly immune to most pest and disease problems. The biggest problems for me are slugs (controlled with baits) and grasshoppers (controlled with Sevin). Rust is not a problem in areas of low summer humidity but responds to treatments with maneb or a similar fungicide. Leaf miners are not a problem except in areas with too heavy a shade.

Iris borers and leaf spot are possible. These problems have been reported in Northern States and California.

NEW APPROVED AWARDS SYSTEM

(November 1992)

HIGH COMMENDATION

(No change)

Unintroduced irises only. 5 votes required for award. An iris can receive the award as many times as voted until introduced.

HONORABLE MENTION

Bearded irises (MDB, SDB, IB, BB, MTB, TB, Aril, Arilbred) eligible 2 years after introduction, listed on the ballot for 3 years. If the award is not received within the 3 year period the iris is always eligible by write in votes. Judges will be allowed to vote for 10% of those listed, including write ins, and the 10% receiving the highest number of votes will receive the award. Percentages are rounded off to the next highest number. In classes with a small number listed a minimum of 2 votes will be allowed and a minimum of 2 will receive the award.

All other classes including (SIB, LA, SPU, JI, CA, SPEC), as registered by the introducer, eligible 3 years after introduction. Other HM rules stated above policy.

AWARD OF MERIT

All types will be eligible for AM 2 years after receiving HM, and remain eligible for 3 years. Judges will be allowed to vote for 10% of those listed in each section, the 10% acquiring the highest number of votes will receive the award. Percentages rounded off to the next highest number. In classes with a small number listed a minimum of 2 votes will be allowed, and a minimum of 2 will receive the award.

SPECIAL MEDALS

All types have Medal categories. Eligibility starts 2 years after receiving an AM and continues for 3 years. 1 vote allowed and the iris with highest number of votes wins the medal. In the event of ties, duplicate awards will be given.

DYKES MEMORIAL MEDAL

All Special Medal winners become eligible for the Dykes Medal the year following the Special Medal award, and remain eligible for 3 years. 1 vote allowed, the iris with the highest number of votes receives the medal. In the event of a tie a run-off ballot will be issued listing the tied varieties.

New policy as of November 1992: To be eligible for **AIS GARDEN AWARDS** an iris must be hybridized and introduced (offered for sale) in the United States or Canada.

12 THINGS TO KEEP THE EXHIBITIONS CHAIRMAN FROM LOSING HER COOL

Lillian Gristwood (New York)

When I am doing the approvals and show reports, I have found several items that would make things a bit easier for me. I hope everyone will take heed of them to help me.

1. READ the instructions on the material sent with your approvals. Most of your questions are answered there.
2. CHECK the total of your supply order.
3. Tell me what city or village where the show is being held, not just a "Mall" or "Botanical Garden" etc.
4. Make the corrections or suggestions made on your approval BEFORE you have your final program printed.
5. Describe Section A,B,C—tall bearded, Intermediate Bearded, Siberian, etc.
6. Indicate the type of seedling on the Judges ballots, LA, JA, PCN, AR, Species, etc. Keep the hybridizer under one OR 2 names, and keep the numbers the same—example—21-A-C-91 or 21A-C-91 or 21-AC-91.
7. PRINT or TYPE the names to be put on the certificates, and DON'T type on the black lines.
8. Be sure to send a FINAL SHOW SCHEDULE with your show report. I will NOT send your awards without it.
9. Add your phone number where I can reach you.
10. Be sure to sign your report so I will know where to send it.
11. Let me know if you have to CANCEL your show. I need it to keep my records.
12. PLEASE give me the CORRECT SPELLING for the Iris varieties and the names to be put on the certificates.

When I have nearly 200 show reports to take care of, I don't have time to look everything up. These things may not seem important to everyone, but it takes up a good bit of time to track everything down. Thanks to all of you.

MERGER OF LISA AND SLI

Joe Mertzweiller (Louisiana)

At the fall, 1992 meeting, the AIS Board of Directors approved a merger of the Louisiana Iris Society of America (LISA) and the Society for Louisiana Irises (SLI). The combined organization becomes a Cooperating Society of AIS: Society for Louisiana Irises. It will function like Aril Society International. This action was necessitated because of difficulties and confusion in maintaining two separate organizations dedicated to Louisiana irises. The LISA organization is being dissolved.

Members of LISA are being given membership in the Cooperating Society for the remainder of their dues period. More details are furnished in the March, 1993, Newsletter of SLI which is being sent to all LISA members.

REGISTRATION OF SPECIES AND INTER-SPECIES CROSSES

With the establishment of awards for species and species crosses, new registration classes have also been created. When registering cultivars, pure species (either selections or individual plants involving a single species) can be registered as "species" (SPEC), and the first generation inter-specific crosses can be registered as "inter-species crosses" (SPEC-X). It should be noted that the registrant has the option of registering the cultivar into one of the established registration classes instead, if an appropriate class exists. For instance, a selection of *Iris chrysographes* could be registered as "Species" (SPEC) or, since it is a member of the series *Sibiricae*, it could be registered as a Siberian (SIB). It is up to the registrant, rather than the registrar, to decide in which class to place the cultivar if it qualifies in more than one class.

Rules for naming species cultivars will be the same as for other iris cultivars, as regulated by the AIS Registrations Committee (and as dictated by the current and proposed versions of the *International Code of Nomenclature for Cultivated Plants*). Neither the genus name ("Iris" or its abbreviation "I.") or the species name should be used as a part of the cultivar name.

When furnishing the information requested on the registration application, the parentage should be given when known. When this is not possible, information should be provided to indicate the species (singular or plural) involved. Appropriate pedigree entries might be: "Selection of *I. versicolor*" or "Natural hybrid of *I. douglasiana*, probably involving *I. tenax*".

When registering plants collected from the wild, the basic collection site information should be included if known, e.g. "Benton County, WA", "near Fairbanks, AK," etc. If the cultivar being registered was grown from seed gathered in the wild, seed collection location should be given if known.

In conclusion, it should be mentioned that new iris species are given names by botanists, and these names become valid only after the species description (in Latin) is published in a scientific journal or other approved publication. The names of species represent a population of plants and are not registered through The American Iris Society; only a selected individual plant should be given a cultivar name.

CORRECTIONS IN LIST OF JUDGES FOR 1993

Hilda Crick (Tennessee)

Two judges were omitted from the list of judges in the January, 1993 BULLETIN.

Region 4: Mrs. Maynard Harp RM, and Region 10: Mrs. Ed Ostheimer AM. In Region 6, Mrs. Otho Boone was listed as a Garden (G) Judge when she is actually AM.

IRIS POSTMARK AVAILABLE AGAIN

Jerry L. Cathey (Oklahoma)

1993 marks the fifth anniversary of the Ponca City, Oklahoma Iris Festival and a special iris postmark from the U.S. Postal Service will commemorate the event. The three-day Iris Festival includes many activities, including an iris show sponsored by the Northern Oklahoma Iris Society.

For those who want to have the 1993 Iris Postmark, please send your self-addressed card or envelope inside a letter addressed to: Postmaster, Iris Festival Station, 402 E. Grand Avenue, Ponca City, OK 74601-9998. Mail in entries can be sent as late as May 30, 1993. Because some postmarks have been inadvertently cancelled over by other post offices in the past, this year, the Ponca City Post Office will place the first 3000 letters and cards in a protective sleeve to try to prevent any over cancellations.



A NEW CONTROL AGENT FOR LEAF SPOT AND RUST ON TB IRIS

Adele Lawyer (California)

A new material by Rhoem and Haas, called RALLY or EAGLE, depending upon whether it is for agricultural or ornamental use, should soon be cleared for use on irises. It is already being used on apples and grapes for control of mildew in California, and experiments conducted to date have found it superior to Benlate and Plantvax for the control of leaf spot and rust respectively; and this single material has the advantage of being effective on both leaf spot diseases.

Since it is cleared for use on food crops, it may not be long before the necessary experiments show it to be safe for use on ornamentals. Those of us who have tried it under a Temporary Use Permit are impressed with its effectiveness.

IN MEMORIAM

Alice Bouldin (North Carolina)

Raymond David (Iowa)

Charlotte Fersing (Virginia)

James Fry (Kansas)

Louise M. Kemp (Georgia)

Charles Holtz (Wisconsin)

Mrs. J. E. McClintock (New Mexico)

Mary Jo Naylor (California)

Bessie Nicoson (California)

Mrs. C. W. Peavey (Texas)

Catherine (Kay) Riley (Colorado)

Jack Romine (California)

Jimmy Wage (Oklahoma)

Kathryn Wright (Indiana)

CONTRIBUTIONS AND MEMORIAL GIFTS

AMERICAN IRIS SOCIETY: Send to The American Iris Society, Jeane Stayer, Secretary, 7414 E. 60th St., Tulsa, OK 74145.

AMERICAN IRIS SOCIETY FOUNDATION: Send to AIS Foundation, Richard T. Pettijohn, Treasurer, 122 S. 39th, Apt. 604, Omaha, NE 68131. Donations to the Foundation and AIS are tax deductible.

Note: please include name and address of next-of-kin pertaining to memorial gifts, so that a card of acknowledgment may be sent. Checks should be payable to the American Iris Society or the American Iris Society Foundation.

GIFTS TO THE AMERICAN IRIS SOCIETY

JULY 16, 1992 TO JANUARY 20, 1993

MEMORIAL GIFTS FOR:

GEORGE W. ASHWORTH (MO)

Greater St. Louis Iris Society (MO)

Charles H. McDowell (MO)

***ALICE BOULDIN (NC)**

Clarence and Suky Mahan (VA)

WILLIAM F. BROWN (KS)

Wichita Area Iris Club (KS)

MONTY BYERS (CA)

Elmohr Iris Society (CA)

Kathy L. Poore (OK)

FLOYD COON (CA)

Leo T. Clark Foothill Area Iris Society (CA)

ALICE FRANKLIN (KS)

Hi-Plains Iris Society (KS)

MRS. JAMES (LUCY) FRY (KS)

Kathy L. Poore (OK)

JAMES W. FRY (KS)

Wichita Area Iris Club (KS)

JAMES W. AND LUCY FRY (KS)

Ann and Riley Probst (MO)

LILLY GARTMAN (CA)

Kathy L. Poore (OK)

JOSEPH A. (JOE) GATTY (CA)

Kathy L. Poore (OK)

LARRY GAULTER (CA)

Kathy L. Poore (OK)

BILL GUNTHER (CA)

Reavis and Thelma Carrington
(CA)

MELBA HAMBLÉN (UT)

Kathy L. Poore (OK)

M. D. HARRELL, JR. (TX)

Fort Worth Iris Society (TX)

MRS. THELMA HARRISON (GA)

Oconee Valley Iris Club (GA)

MARY HEISZ (KS)

Hi-Plains Iris Society (KS)

ELVA HOLMES (OK)

Kathy L. Poore (OK)

HUGH JAMIESON (AR)

Hot Springs Iris Society (AR)

Mr. and Mrs. Larry D. Stayer (OK)

CAROL LANKOW (WA)

Kathy L. Poore (OK)

MRS. ANNETTA LODGE (IA)

Wichita Area Iris Club (KS)

MRS. BERNICE (BONNIE)

LOWENSTEIN (NM)

Albuquerque Aril Society (NM)

Albuquerque Iris Guild (NM)

Patricia S. Clauser (NM)

Philip and Sara Doonan (NM)

New Mexico Iris Society (NM)

***VIRGINIA B. McCLINTOCK (NM)**

Mr. and Mrs. Anthony Willott (OH)

MRS. LAURIE McMILLAN (GA)

Oconee Valley Iris Club (GA)

KENNETH N. MURRAY (KS)

Wichita Area Iris Club (KS)

ALTA PATTERSON (NM)

Region 23, AIS

GLADYS PATTERSON (OK)

Wichita Area Iris Club (KS)

MRS. CATHERINE RILEY (CO)

Mr. and Mrs. Harry B. Kuesel (CO)
Region 20, AIS

MR. JEWEL ROBERTS (KS)

Wichita Area Iris Club (KS)

RUBY ROBERTS (AR)

Central Arkansas Iris Society (AR)

ANNIE L. STEARLY (CA)

Mr. and Mrs. Larry D. Stayer (OK)

JIM SYKES (CO)

Region 20, AIS

MRS. MAE TANNER (GA)

Oconee Valley Iris Club (GA)

IRMA TOVELY (KS)

Hi-Plains Iris Society (KS)

ADOLPH VOGT (KY)

Florida Iris Society (FL)

AIS LIBRARY ENDOWMENT FUND:

Lawton Area Iris Society (OK)

Orange County Iris and Daylily
Club (CA)

River Valley Iris Society (AR)

GIFTS HONORING:**ANNE & MIKE LOWE (VA)**

Annette King (VA)

***CLARENCE MAHAN (VA)**

Mrs. Caryll Randall (VA)

***HARRIET SEGESSEMAN (NJ)**

Garden State Iris Society (NJ)

MR. & MRS. ROBERT STEELE (NM)

Region 23, AIS

*Gift designated for the AIS Library
Endowment Fund

American Iris Society Conventions

1994	Portland, OR
1995	Hershey, PA
1996	Sacramento, CA
1997	
1998	Colorado

May 21-25

YOUTH VIEWS

A RAINBOW OF OPPORTUNITY

Jean E. Morris

April is a wonderful month! There are irises blooming almost everywhere—miniature dwarfs in the northern areas, medians in the Midwest and especially in Oklahoma for the Median Spree, PCNs out west, arils in dry regions; and in Ft. Worth, all those convention gardens are bursting with lovely tall bearded, Siberians, borders, arilbreds and miniature tall, not to mention promising seedlings still under number. The list could go on and on with the anticipation of spurias and Japanese still to come for many.

Bloom time is a great time to recruit youth members for The American Iris Society. That rainbow of color in your garden or on the show bench is a good selling point. Dues for those under the age of nineteen are a bargain at \$3.00 without *AIS Bulletin* or \$4.50 with *AIS Bulletins*. The \$3.00 rate is for youths who have a family member who is already an AIS member, while the \$4.50 rate is for those youths who are the first in their family to join AIS. It has been brought to my attention that there are a few youth members on a dual membership with an adult member in their family. These members are not recorded separately as youths and AIS has no way of knowing that they are, in fact, youth members. If this is your case, and you have not received the youth handbook or newsletter, please let me know! My address is in the front of the *Bulletin* under Standing Committees—Youth.

Youth members join AIS for many different reasons. These include photography, flower arranging, hybridizing, competing in shows, drawing, scientific or cultural studies and more, with a youth concentrating on one or several facets of the iris. In my own local iris society, one of our youth members has concentrated on design, almost exclusively. She is very talented and has brought many of her friends to our design practice sessions. Thanks to her, the youth design section of our iris shows has always been well-supplied with designers. The public loves it! So if your youth member sticks with one aspect of irising, don't worry.

To sell a youth on AIS, you must know the advantages of AIS youth membership. What does an AIS Youth Member get for his or her money?

1. In addition to a personal letter of welcome, the new AIS Youth Member receives the Youth Handbook, a helpful twenty page booklet loaded with basic iris information.
2. A youth newsletter, *The Iris Fan*, is a publication written about, and for the most part, by, the youth members of AIS. It is published twice a year and sent only to AIS youths.
3. AIS Youth Members may enter the Ackerman Essay Contest sponsored by the AIS Foundation. Information about this is in "Youth Views" of January *Bulletins* and also in *The Iris Fan*. The winner receives a \$100 prize.

4. Anyone can attend an AIS judging school, but to sign up for credit, AIS membership is required, whatever one's age. A youth member may, indeed, become an AIS Judge while still a youth. And several have.
5. AIS Youth Members may compete in the AIS membership contest in the separate youth category provided for them.
6. Youths have the opportunity to enter their irises in the Youth Section at iris shows and compete for special Youth Silver and Bronze Medals. Or they may enter the adult section, instead. Entering both, however, is not allowed.
7. Some youths in AIS enjoy writing to a pen pal either in another region or in their own. AIS Robins are also open to youths.
8. The Clarke Cosgrove Memorial Award for Youth Achievement is presented each year to one talented AIS Youth Member.
9. Add to these advantages, the AIS *Bulletins*, regional publications, special youth mailings, and the opportunity to meet other youths at national, regional and local events and—SOLD!

Youth members are the future of AIS, so why not make the effort to sign some up? Now that you have all this information about AIS youth membership along with your April rainbow of color, it should be easy. Perhaps, the youth who joins AIS because of YOU will go on to win the Dykes Medal someday. Then you can, and should, claim some of the glory.

EXCERPTS FROM INTERNATIONAL ROBINS

Shirley Varmette (Connecticut)

R. E. (Ray) Wilson, England: "The BIS seed distribution was especially fortunate last year when Hiroshi Shimizu of Japan donated over 20 packets of different *I. laevigata* hybrids. Despite Mr. Shimizu's generosity and my frugality, most of the seeds went quickly. Luckily, this year Mr. Shimizu has donated even more seeds so that BIS members world wide will benefit and in about three years time, it is hoped to see a greater interest in these irises. Between SIGNA and the BIS I think we are able to reach more irisarians who want to propagate from seed.

This year I decided to try Pacifica plants imported from the U.S.A. again. Previously, I had been disappointed at my continuing failures but I tried again in the hope of success at last. The plants, when they arrived, were good sized and in prime condition, the overall journey time was only 8 days. Currently, they are in peat-perlite-loam mix, quite moist, at 65-70 degrees F. Just in case, I will be putting down some Ghio seeds using both Deno's method (with perlite instead of tissue) and a straight planting in pots. . . . Pacificas surprise many people with their beauty and color of form."

Uwe Kirschstein, Germany: "In January/February the German Shrub Society will organize a big seed exchange. They offer (thousands) of seed, (of which) some iris are included. Most are rock garden plants and shrubs. My TB seedlings grow very well, and I hope to see my first (TB) results in 1994."

IRIS SEASON REVIEW

Robert L. Jensen (Idaho)

An iris season completely free from frost damage is rare in this southeastern corner of Idaho, but 1992 was as close to one as we are ever likely to see. The tall bearded bloom was especially fine, there were no stunted stalks, none of those crinkled buds which open into distorted flowers and there was no frost damage whatever on open blooms. Every variety that wanted to bloom did bloom, and there were many fine tall stalks.

In April I was fortunate to be able to visit several gardens in the Stockton-San Jose area of California; all were at peak bloom.

And finally, in late October, I attended a Judges Training Session in Salt Lake City thanks to those fine people in Region 12. The meeting was in the capable hands of our Bulletin editor, Ronald Mullin, and was most informative, and entertaining as well. A highlight here was cut stalks of irises of very high quality. A treat you don't expect in October.

To really study an iris and determine it's true worth to your garden it is necessary to grow it yourself. No matter how beautiful an iris may look in a show or a National Convention garden, if it doesn't grow well and seldom blooms, you are unlikely to regard it as a fine garden subject.

To have a garden filled with all the latest irises is commendable and a pleasure to visit. At one time that was my goal, to acquire as many of those newcomers as possible and discard the older ones. And most of them were beautiful and desirable, after all no one wants to introduce an iris that is inferior to existing varieties. But as the years went by, I discovered that newer did not always mean better. Quite often that much desired newcomer was not as good a performer and bloomer as the one that was cast out to make room for it.

Nowadays I am in no hurry whatsoever to discard an iris. If it pleases me and grows and blooms well, it is likely to have a long stay in my garden.

The California gardens visited were full of bloom with many of the newest varieties on display. Here, in no particular order, are some that took my eye:

KATMANDU (Ghio) Unusual and most attractive; orange standards and lemon falls with tan shadings. For something really different, this one qualifies.

ELIZABETH POLDARK (R. Nichol) A ruffled warm white with a yellow glow in the heart of the flower and light yellow beards. This is appealing.

COMING UP ROSES (Gatty) An elegant pink with great color. This is certainly a fitting finale to the famous Gatty line of pinks.

CARIBBEAN DREAM (Schreiner) An excellent ruffled medium blue in the Schreiner tradition. One of the most appealing seen in this color.

TRIPLE WHAMMY (Hager) The name seems to suit this iris, it towers above everything else, and the color, bright yellow and white with purple horns, certainly makes it unusual.

GALLANT ROGUE (Blyth) Red violet falls with a big, bushy orange beard and standards sort of a smoky lilac color makes for a pleasing combination.

WHISPERING (Hamblen) A smoky pink, but it is the purple-orange beard that gives this one distinction.

RASPBERRY FUDGE (Keppel) A handsome raspberry cream and brown combination with brown-red beards. It deserves its popularity.

POLITE SOCIETY (Hager) With cream yellow standards and deeper yellow falls, this one is quite striking.

AMERICA'S CUP (McWhirter) An extra clean and appealing pure white that surely has show potential.

BLUE CHIP PINK (Niswonger) An interesting lavender pink with a pink and blue beard. A fine approach to blue bearded pinks.

And a few that stood out in my own garden:

ANY SUNDAE (Durrance) A very fancy flower, heavily laced and ruffled and very likely the nicest red bearded white I've seen to date.

BISHOP'S CLOAK (Tompkins) An unusual plum colored flower with some blue mixed in and a burnt orange beard. This is different and good.

BUBBLE UP (Ghio) This is one of the most heavily laced and ruffled irises I've seen, it has good pink color and it makes a fine stalk as well.

CLEARFIRE (Stevens) The Stevens reds grow well here, RED REWARD is tall and vigorous and blooms well, but CLEARFIRE, with its smooth clean look and fine stalks is my favorite.

CRYSTAL DREAMS (Shockey) I ordered this one based on reports that it was exceptionally beautiful. Well it is, and the pink and lavender color combination is quite unusual.

MING ROSE (Brown) A rather small flower but gorgeous deep color, a fuzzy deep pink beard, and lace, fringe and ruffles to spare.

NAVAJO JEWEL (Weiler) A choice and beautiful iris of clear, true light blue, a shade not really as common as one might think. With two fine stalks on a new plant, this was a winner.

NIGHT RULER (Schreiner) The most beautiful near black iris yet seen. It has a very stylish ruffled flower and was one of the best newcomers I grew in 1992.

PACIFIC MIST (Schreiner) Of the dozens of fine Schreiner blues, this has been my favorite and is, along with old BLUE RHYTHM, one of the best blues I've ever grown. Tall and husky, with large flowers and intense fragrance, it is a really great iris.

RED LION (Hager) A choice red with a different look, perhaps because of the round wide falls. The bronze beard adds a nice touch.

SHOREBIRD (Nelson) Whites are favorites, and this one pleases me and has done well here. A beautiful green tinted white that makes fine show stalks.

SUNDAY CHIMES (Hamblen) An older pink that for all-around performance outdoes all the newer ones. Tall, beautiful show stalks, it blooms late.

TUMBLIN' DICE (Nelson) This rather different orchid or violet bicolor with showy orange beards is pleasing. The flowers were among the largest in the garden.

VANITY'S CHILD (Olson) Although this one is neither large nor tall, a clump of these smaller pink flowers with lavender shadings in the standards is a garden asset.

SMALLER IRISES:

- BROADWAY BABY** (Gatty) One of the brightest and showiest IB clumps of the season. **BROADWAY** in a smaller size.
- HILLS OF LAFAYETTE** (Boswell) One of the early ones and the best it has ever been here. A near white and yellow amoena which showed its aril blood.
- MEMO** (Gatty) A white and bright yellow IB with appealing, medium sized flowers, worthy addition to the class.
- NORTHERN JEWEL** (Schreiner) A creamy white IB with very prominent yellow beards. It is definitely a "warm" white and looks to be another fine addition to the class.
- REVVED UP** (Innerst) Brassy gold standards and falls same dotted brown, a plicata of **DESERT ECHO** type in IB size. One I've somehow overlooked in the past, it has become a favorite.
- SHOW ME YELLOW** (D. Anderson) This makes a beautiful clump of an especially penetrating shade of yellow. It is a strong grower and very floriferous.
- SMITTEN KITTEN** (Aitken) A pink and white bicolor and very attractive though the pink is pale. Another new color for the IBs.
- SUNNY DAWN** (Jones) An extra orange flush in the falls gives this an unusual and different look from other orange IBs. Quite novel and lovely.
- VITALITY** (Ritchie) This little IB has a different tone of brassy gold that I've not seen before. It was interesting!

AND ONE I FORGOT ABOVE:

- PURGATORY** (Moore) I don't particularly like the name for this one, but I certainly did like the iris. With bronzy colored standards above dark red falls it is showy and different.

IRISES IN TREES

Keith Keppel (California)

The recent publication of the *1989 Checklist* reminds me just how fortunate we are. Anyone who wishes to do iris research has a wealth of information available through the iris cultivar registration system. Of extreme importance are the parentages; pedigrees give clues as to the source of various traits and thus help the serious iris hybridizer decide how best to proceed in his breeding endeavor.

As pedigrees become more complex, so do the records. The most graphic way to depict the history of development is in a chart—a "family tree." Space constraints generally make this impractical, so a more compact "shorthand" version is used. This compact version is found in checklists and catalogues and is a string of iris names, surrounded by brackets and separated by "x" marks. Thus, **SILVERADO** is shown in the registration records as being from—

(STARINA x NAVY STRUT) X CARRIAGE TRADE

Now let's translate what this says. The letter "x" indicates that a cross was made. The name to the left of the "x" gives the female parent (also referred to as pod

parent or seed parent) and the name to the right of the “x” tells the name of the male parent (pollen parent). One upper case “X” appears in each parentage and indicates the very last cross made to produce the variety under study. With SILVERADO, it means that the female (pod) parent was (STARINA x NAVY STRUT) and the male (pollen) parent was CARRIAGE TRADE.

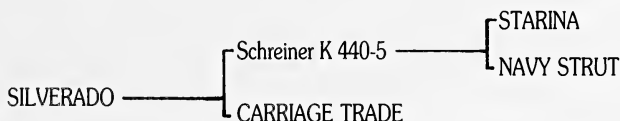
Now let’s go a step further to interpret the pod parent. Each set of brackets “()” encloses two irises and in turn represents a “child” from the cross of the two. Thus, (STARINA x NAVY STRUT) represents an unnamed seedling obtained from crossing STARINA (pod parent—remember it is to the left of the “x” within the brackets) with NAVY STRUT (pollen parent).

One other bit of information is given in the SILVERADO pedigree as published in the checklist. It says —

K 440-5: (STARINA x NAVY STRUT) X CARRIAGE TRADE

The colon “:” can be read as an equal sign “=”. This denotes that K 440-5 is (equals) a seedling of STARINA (pod) with NAVY STRUT (pollen). SILVERADO is a Schreiner registration, so in the absence of any additional notation to the contrary, it is presumed that the seedling is a Schreiner seedling.

We can take the pedigree and make a family tree from it. SILVERADO would chart out like this—



Perhaps we should call this a fallen tree, since it is on its side! For ease in printing and writing, it is much simpler written horizontally, but of course the chart could be tipped up, with SILVERADO as the trunk, to form a more conventional tree. On the horizontal tree chart, the pod parent is always the upper half of each branch pair.

To continue the tree, you could look up each named element and fill in the registration information for its pedigree. Chances are you could go about twenty generations, back to species on some of the branches, using information gleaned from previously published checklists. Actually, some iris varieties have such complicated seedling pedigrees that you could make a good-sized tree without going beyond its own checklist entry. No matter how complicated a written pedigree, if it is done correctly it can be made into a tree and, as a check, the tree can then be “chopped down” systematically to re-create the original pedigree.

In order to do this, it is important that the information be written precisely and uniformly. Rules are simple and few, but they must be adhered to without fail. Each set of brackets “()” must contain only two plants (a x b), and that bracketed combination then represents a seedling, which in turn is a single plant and can appear within another set of brackets in a later cross. You can use this seedling (a x b) in a cross with another variety—((a x b) x c)—or perhaps you might cross it with another seedling from the same cross—((a x b) x (a x b)). Either way, we have adhered to the rule of only two plants within each set of brackets. Also note that the brackets always come in pairs; the number of “(” brackets *must* equal the number of “)” brackets.

As pedigrees become more complex, we try to simplify as much as possible. We use the term “sib” (short for “sibling”) in referring to a plant which has the same pod parent and same pollen parent as another. The pedigree ((a x b) x (a x b)) could also be written as ((a x b) x sib). If you come across the name of a variety, plus sib—such as “STARINA sib” or “sib to STARINA”—it means that this iris has the exact same parents as STARINA.

If two irises have the same parents, but the pod parent of one is the pollen parent of the other, such as in the cross ((a x b) x (b x a)), we could write this as—((a x b) x reverse sib).

If an iris is crossed with its own pollen, it is said to be “selfed.” (STARINA x STARINA) is the same as (STARINA x self).

We may refer back to a *part* of a previous registration for simplicity if a very involved seedling figures into the pedigree. In the checklist the pedigree of ORANGERIE is listed as—


72-5B, pod parent of CATALYST, X MANDOLIN

If you look up CATALYST, you will find its checklist registration gives the complete pedigree for seedling 72-5B.

Now that you know how to do a family tree, let’s take a test! Look up the pedigree of GODDESS in the 1989 Checklist—

72-30C: (68-39D x APRICOT BLAZE) X 74-37C: (70-53E: (68-39D: (66-35C: ((IRMA MELROSE x TEA APRON) x ((FULL CIRCLE x ROCOCO) x TEA APRON)) x APRIL MELODY) x (66-35B x APRIL MELODY)) x OSAGE BUFF)

Now grow a tree! Get out a piece of scratch paper. Easiest way to start is with the concentration of names and brackets (not the numbers). Look at FULL CIRCLE x ROCOCO—two varieties connected by an “x” and enclosed in a single set of brackets.

(FULL CIRCLE x ROCOCO) charts out as  FULL CIRCLE
ROCOCO

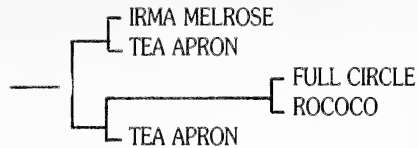
Since there is another bracket “(” in front of FULL CIRCLE, the seedling we have written above must be crossed to something else and enclosed with an opposing “)” bracket —

((FULL CIRCLE x ROCOCO) x TEA APRON)  FULL CIRCLE
ROCOCO
 TEA APRON

Another bracket “)” after TEA APRON shows that the above compound seedling was used as the pollen parent with something else . . . so we need to go the other direction to find an opposing “(” bracket to make the balance. We find it in front of IRMA MELROSE—

((IRMA MELROSE x TEA APRON) x ((FULL CIRCLE x ROCOCO) x TEA APRON))

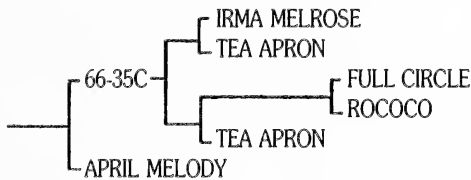
A second “(” bracket in front of IRMA MELROSE indicates that (IRMA MELROSE x TEA APRON) is another seedling factor. Charting this out, we get—



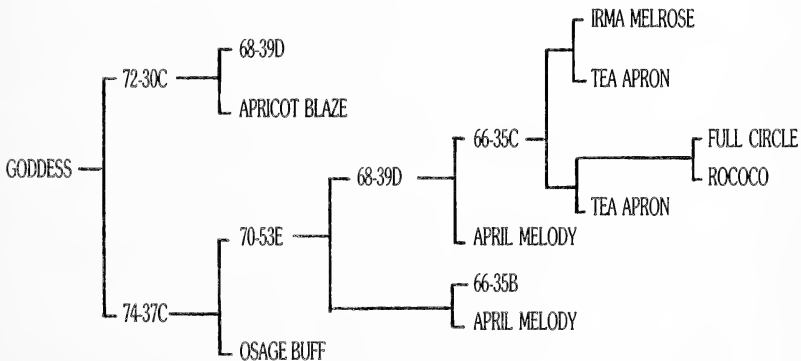
The 66-35C: tells us that this whole element charted above is a seedling numbered 66-35C, and the other set of brackets shows it was crossed with APRIL MELODY—

(66-35C: ((IRMA MELROSE x TEA APRON) x ((FULL CIRCLE x ROCOCO) x TEA APRON)) x APRIL MELODY)

Adding this information to our tree, we have —



The 68-39D: directly in front of the above indicates this whole section of the tree is seedling number 68-39D. The bracket "(" in front of that number shows it was crossed as pod parent with something following, which would be the (66-35B x APRIL MELODY) shown, followed by another ")" bracket for balance. Just keep on charting and eventually you will get—



You can tell by the numbers that 66-35B is a sib to 66-35C, and 68-39D appears twice, once with pedigree, so if you wish you can continue the tree on further until every branch ends with a named variety. And *then*, if you really feel ambitious, you can look up each named variety at the branch tips, add their parentages, and watch your tree grow!

But first, check your work. Take the tree chart and insert a set of brackets "(")" around each cross made, starting with the furthest branches, and put a colon ":" after each seedling number which has explanatory information following it. Add one "x" inside of each set of brackets as you go. Remember that the first fork in the tree, the first cross, requires an upper case "X".

The President's Cup is awarded to an iris from a hybridizer who lives in the host region. More and more we hear people vowing that they voted for a particular iris because they saw it in every garden, saw a huge planting of it, or saw it the last day in the last garden and it looked good there. There's really nothing wrong with any of these statements; however, did the iris outperform others when it was in every garden or was it inferior to some which were NOT in every garden. Being seen often is not the only thing an iris should have going for it. Does a huge planting of one variety make it superior to a single, well-grown clump? Are we supposed to give awards based on quantity? Or should we make quality the primary reason for our vote? The answer seems obvious. Few people will ever grow vast plantings of a single variety, so try to look at just one clump of that huge planting and evaluate it. Give the other single clumps a fair chance to compete with the mega-planting.

Try to avoid the "last day-last garden" vote. Choose an iris or more on each day of the tours that you think are good and assign a rating of some kind to them. When it's time to vote the ballot, the highest grade should have been earned by the iris that receives your vote—regardless of how often it was seen.

The Franklin Cook Cup is given to an iris from a hybridizer from outside the host region. Most of the guest irises will be in this category, but the winner may be an iris which is not an official guest, and that means it WILL NOT be listed in the Convention book. Follow the same rules as for the President's Cup. Choose the best from each tour day and then make your final selection from that group.

Favorite Guest Irises are the only ones with restrictions involving the Convention booklet. To be eligible for this list, an iris MUST be listed in the booklet as an official guest. Only named varieties are eligible.

All these convention awards are selected by the people who register for the convention. This includes judges and non-judges, newcomers and old timers, and iris growers and those who don't garden at all.

The Walther Cup does not appear as a category on any ballot, but it is selected during the voting process. This award goes to the iris, in any class, that receives the most HM (Honorable Mention) votes. This is one good reason why judges should not vote for irises in a class with which they are not familiar. As always, follow the rule that you must know and grow the type of iris to know if one has the qualities desired for its type.

The HC (High Commendation) is given to unintroducted seedlings. It is based on garden performance. The judges vote for this award on the Official Ballot. It is very important that the seedling number, the name of the hybridizer, and the class of iris are all correct. If a seedling is considered worthy, it's worth the time it takes to list the correct information on the ballot so that the iris can win its award. Any iris which receives five votes from the judges is given an HC.

The EC (Exhibition Certificate) is based strictly on a show entry. ANY eligible judge who visits an iris show may vote an EC for seedlings entered in that show. The ballot is available from the show committee. These ballots may be turned in at the show and are mailed by the show committee to the Exhibitions Chairman. Any seedling receiving at least five votes is awarded an EC.

It is not necessary to vote for the seedling which has been chosen as the Best Seedling of the Show. That one automatically wins an EC. JUDGES: Take the time to look at all the seedlings. It's part of your job. Remember, a seedling does

not need to be groomed as the regular show entries are. A seedling with spent blossoms still on it gives the judge the opportunity to see how many buds the stalk produced.

The Board of Directors Award is quite unique. It is seldom awarded because the requirements are stringent. Nominations are made by the Honorary Awards Committee for approval by the Board of Directors. The iris must be one that did NOT win the Dykes Medal but has proven through its progeny that it was one of the greats of irisdom. Only SNOW FLURRY, TOBACCO ROAD, and WHITE SWIRL have ever won this award.

It is hoped that this article will be informative to new members and will serve as a reminder to those who have been around for a while just what these very special but sometimes not well-known or understood awards really are.

A CHALLENGE FOR JUDGES

Judges Training Committee

Get ready to keep better records, visit more gardens and visit more often, and be very conscientious in evaluations. These are things judges will need to do as the new AIS Awards system goes into effect this year. The judge has always been expected to do these things, but with an increase in the number of votes allowed and the probable increase in the number of awards in some classes, judges have a greater challenge.

Using the 1992 ballot as an example, here's how the 1993 ballot will be different for HM voting.

Class	Number Eligible	1992 Votes Allowed	1993 Votes Allowed	Actual 1992 Awards	1993 Possible
MDB	20	3	2	11	2
SDB	212	4	22	24	22
IB	51	3	6	23	6
BB	47	3	5	15	5
MTB	17	3	2	11	2
Arl	77	3	8	7	8
AB	9	3	2*	5	2*
TB	901	15	91	42	91
SP	12	3	2*	8	2*
SIB	41	3	5	12	5
CA	74	3	8	4	8
LA	107	3	11	0	11

*Two is the minimum allowed in any category. Actual 1993 Awards will be based on 10% of the number eligible, regardless of the number of votes received. In 1992, a minimum number of votes had to be received for an iris to win the HM. For this reason, no Louisiana irises received an HM since none received 10 votes.

Judges will be allowed to vote for 10% of the irises eligible in any class, always rounded up to the next number and always with 2 votes the minimum.

In the past, the number of awards given was not limited, but an iris had to receive a minimum number of votes. For instance, Tall Bearded irises had to

receive 25 votes. Border Bearded, Standard Dwarf Bearded, and Intermediate Bearded had to receive 15 votes. In some classes, the minimum number of votes required was 10. This means that under the new system, some irises that might have won the award in the past will not win now because they will not finish in the top 10% of their class. By the same token, some irises that could not win in the past because they did not receive the minimum number of votes will be able to win now.

The Award of Merit voting will also change to 10 per cent of the irises eligible in any class, with a corresponding 10 per cent receiving the award, regardless of the number of votes received. In the past, a tall bearded iris had to receive 65 votes to receive an AM, but the only requirement now is that the iris finish in the top 10% of those receiving votes.

Surely few judges will vote the maximum number allowed in each class each year. It's hard to imagine anyone's having evaluated so many irises.

As important as careful evaluation is, the need for judges to avoid waiting until the last minute to vote the ballot is just as important. Currently, a large number of our judges vote during the last few days before the July 1 deadline. With the expanded number of votes, the Awards Chairman will need more time for counting. The deadline for material for the October Bulletin is July 15. Please vote early so the Awards Chairman can provide an accurate list of award winners by that date without having to conduct a 24-hour counting session every day during the last few days of voting.

So, judges, your work is more important than ever. VISIT gardens often, keep GOOD RECORDS, vote as EARLY as possible. And, as always, vote ONLY for irises WORTHY of the award, no matter how few that may be on your ballot.

CONTEMPORARY VIEWS—1992

Perry Dyer (Oklahoma)

The weather was the main topic of the year—and the resulting bacterial soft rot (which we wound up affectionately referring to as “The Plague”). I lost 40-50% of the bearded garden in Blanchard; others lost upward of 80%. Thousands upon thousands of dollars' worth of stock turned to mush. We wound up digging every single plant on the place, rebuilt and sterilized the contaminated beds, left the plants out of the ground until late September, and then replanted those that had not gone ahead and rotted while out of the ground.

Where the bearded irises were lacking, the Louisianas MORE than made up for. Even with a late freeze impacting some of the earliest bloom, the Louisiana bloom season was out of this world. The first-year iris bloom in the Texas gardens for the Ft. Worth convention was quite marvelous.

Contemporary Views' award winners are reviewed first (with runnersup listed in order), then TB's by general color group. Throughout the review, the term “New Iris” is defined as those introduced within the last 3 years inclusive (i.e., this year, irises introduced in 1990, 1991, and 1992).

1. The *Contemporary Award*, given to the Best New Iris seen. The older I get and the longer I grow irises, the more I demand that sometimes-ever-elusive feature of DISTINCTIVENESS. I'm tired of "another pretty pink" or "a high quality blue remindful of XXX". It's got to have some kick, something to turn my head, and THEN have something underneath it to justify my extra attention. Sometimes that mystical something can't quite be put into words, but you know it's there. Irises such as SILVERADO and HONKY TONK BLUES have it, and now the Schreiner family has released another one: SIERRA GRANDE ('92). Take the lustrous falls of its parent, PLEDGE ALLEGIANCE (Schreiner), and put them beneath billowy sky blue standards, and you have the general idea. Add a flush of rich blue to the standards' midribs, then paint some on the stylearms for good measure, and you have it. There are a few white markings around the light blue beard, but not a defect. It has a billowy form like GAY PARASOL (Schreiner), but is tight and sound, with leathery substance, moderately ruffled, and even a suggestion of lace. Tall and noble, with stalk strength to endure Texas winds. It was stifling-hot when we viewed it, yet the sweltering heat actually seemed to improve the finish rather than melt the flower. Well spaced, 3 branches and spur and bottom rebranch. Healthy blue-green foliage with above average increase.

Runnersup: SOCIAL EVENT (Keppel '91) is a rich, classy full pink self with deeper beards on a show stalk supreme. It has deep scallop-ruffles like an old favorite of mine, MICHELIN (Hamblen), but with tighter form. The ruffles are then imprinted with lace; yet the flowers have no trouble opening cleanly. All-in-all, the finest median released by Paul Black recently, is probably WELL SUITED ('90, SDB) A class act in formal, full spectrum violet, with an intensified spot in the falls approaching tuxedo, precisely banded in spectrum violet. It has impeccable proportion, form, and plant habits. BUNNICULA (Innerst '91) is a soft, delicate true yellow amoena with excellent wide form. It has a mink underglow texture, as if enveloped in cotton—not unlike the effect achieved with SIERRA GRANDE, but in pastel tones.

2. The *L'Elegante Award* is given to the New Iris with the most beautiful individual flower seen this year. This does not necessarily address the overall plant habits, but all aspects must be acceptable to merit the variety's receiving this award: NOBLE PLANET (Taylor '91) is a Louisiana that took me by surprise. It is a soft yellow, but unlike any I've ever seen, in that it has an icy underglow one would normally associate with whites or light blues. Deep scallop ruffles all around, placed carefully so that the broad form is never distorted. Sturdy stalks with four branches with some double sockets with excellent timing.

Runnersup: OBVIOUS HEIR (Taylor '92, LA). Just when one thinks they can't possibly make 'em any more beautiful, here comes another that outshines all that came before! A novice might think this was an orchid, the ruffling and rippling is so intense. A round, flat pure white with olive green diffused signals that look more like texture veining. Similar to the great ACADIAN MISS (Army) in its nature, with more compact flower size and height than other Taylor whites, and with the same candelabra show branching (3 branches) as ACADIAN MISS. Howard Shockey has done it again: LOVE BLUSH ('91) is a softly seductive medley (blend) of pastel peach and apricot flushed pink, with chalky white falls

carefully banded in peach lace. The only "brilliant" thing about this pastel beauty is a bright cerise-orange beard, yet the precisely formed flowers have great carrying power in the garden. Deeply channeled ruffles are close together and precisely placed all around, giving an added feeling of motion to the flower. MISSOURI RIVERS (Niswonger '90, SP) was a majestic clump in full bloom in the Ft. Worth Botanical Gardens. For those who live close enough, and if the spurias and Louisianas aren't in bloom yet for the Ft. Worth National, a special trip afterwards to see this expansive collection would be worth it. This has some of the bluest-blue tones seen yet in spurias, with a predominate patch of clear yellow in the falls, then double-banded in white and then the blue of the standards. A clean crisp look, stunning in the garden.

3. The 9-1-1 Award is given to the New Iris that is the most significant hybridizing achievement or color break: SILICON PRAIRIE (Stanek '91). This is the first introduction from one of AIS's fine young talents with a bright future. SILICON PRAIRIE is a color break, with all the other qualities to make it a good iris. The AIS *Bulletin* picture was fairly accurate, except that it is a prettier ensemble, with bluer standards and more green showing in the falls. From a very wide cross, the breeding potential is boundless, especially with CHARTREUSE RUFFLES (Rudolph) in its background. Even on a hot Texas afternoon, it retained its color contrast well. Nicely shaped, with pleasing ruffling and even a touch of lace. Very vigorous, clean plants.

Runnersup: FESTIVAL'S ACADIAN (Haymon '90, LA). Dorman Haymon picked up on the breeding potential for haloes he saw in CHARJOY'S MIKE, and this is the first generation offspring of that work. FESTIVAL'S ACADIAN is a scintillating red-purple, intricately weaved with deeper texture veins. There is a yellow halo embellishing all 6 parts. A lighter, creamy stylearm just causes the eye to be drawn to the halo pattern even more. PROFESSOR BARBARA (Mertzweiller '92), the first true yellow tet to be released. This leathery, wide, flat flower is a welcome change in color to the handful of choice darker tets released to date. HELLO DARKNESS (Schreiner '92) Several things have really come together for the Schreiners on this one. It is quite tall (40 " as a guest in Texas) but with notably thicker, stronger stalks than its predecessors. First-year stalks had 4 branches plus spur plus lower rebranch. I quit counting buds at 10, but suspect there are more, especially on established clumps. So often, dark irises blooming in this part of the country (especially those blooming in the last half of the season) burn and even curl up on the edges. Some blast in the socket and never even bother to open. Not so here. A moderately large flower, donned in soot black—not shiny-black like BLACK DRAGON (Schreiner) or NIGHT RULER (Schreiner)—with moderate to heavy ruffling! Near-black beards. Plants are purple-based and narrower (like BLACK DRAGON) but vigorous and not anemic. The advancements here are in branching, bud count, height, stalk strength, plus the ability to open in heat, even after rains.

4. The Sun Belt Award is given to the Best Proven Variety, i.e., one that has been on the market long enough to be thoroughly tested (at least 4 years). HURRICANE PARTY (Haymon '88), looks and behaves like a tet (but is diploid), with huge, flat, velvety, royal purple parts and a bold triangular bright yellow signal, courtesy of ANN CHOWNING (Chowning). So much substance that, like

a tet does sometimes, the falls will occasionally flip back up!

Runnersup: I sure missed a beat on MAUI MOONLIGHT (Aitken '87, IB) and didn't get it the first couple of years it was on the market. The description is rather uneventful— a smooth light yellow self. But to grow it is a rewarding gardening experience. Perfect proportions, with wide, compactly formed flowers with just a hint of gentle waving, on 20-24" stalks that have exceptional branching, well positioned, with well-timed buds and flawless plant habits. BROWNBERRY (Willott '87, BB) is a tight round cream-based plicata, precisely banded in rich chocolate all around. Ruffles a-plenty. Exceptional vigor, with proportions always true to the class. And, of course, that Picayune branching and bud count. IN TOWN (Blyth '88) is one of the finest of a string of lustrous neglectas from Down Under. Full and blocky, set off with stunning carrot-red beards. Show stalks, and plenty of backup buds for extended bloom. Strong plants with moderate increase. The color contrasts are bold, and the glossy sheen (with the lighter halo around the falls) sets the flower in motion.

5. The *Dark Horse Award* is given to the variety introduced within the past 10 years or so that I feel has been overlooked by AIS judges, and deserves/deserved higher awards. To think that an iris such as SOPHISTICATION (Hamblen '84) could go virtually unheralded simply confounds me. In my opinion, this is the most beautiful, most elegant work ever released in 40 + years of Melba Hamblen hybridizing. It blooms later in the season, after most of the shows have shut down and the conventions have packed up and moved on. A genteel cameo pink of moderate size and modest height, truly proportionate. The falls are more creamy, then softly banded (a true band, look closely) in the standards' soft pink tone. Not only is it beautiful, but when you add a soft powder blue beard, you have a color break (1984). We have yet to see what all this iris has to offer via its offspring. Graceful S-curved stalks with buds so well-timed that its bloom is extended right up to the end of the season. Hard to believe a revolutionary hybridizing program never had that one iris to go All the Way. This was "Melba's Dykes." Yet it never even won an Award of Merit. And now it's too late . . .

Runnersup: As it blooms here, SCREEN GEM (Amy '83) is the brightest, clearest, truest pink Louisiana on the market. Broad and flat like a tet, with substance and texture never before witnessed in a color class notorious for being paper thin. Paul Black's unpretentious MARY'S LAMB ('87) seems to have been overlooked in the SDB awards system. A small, compact, simple white, softly waved, then brushed with a delicate powder blue beard. In a world where the proportions are being stretched or even pushed beyond the limitations of the class (big flowers, fat foliage, thick clubby stalks), MARY'S LAMB stays within the guidelines of the SDB class. It's pretty and very floriferous with a mound of blooms, but it never overblooms itself into oblivion. One of the bluest true-blues in the kingdom is the tall bearded, LOYAL DEVOTION (Waltermire '82), a pure, crystalline clearwater blue displayed on an acceptable stalk with good bud count. The entire flower is diamond-dusted, which further enlivens the flower. Plant habits are beyond reproach.

6. The *Cream of the Crop Awards* go to the five varieties on the Dykes Medal eligibility list that I considered the most worthy, in order: HELLCAT (Aitken '83, IB) is a rich, flowing neglecta from a very famous Dykes TB parent. It inherited all

the good qualities—strong healthy plants; show stalks supreme; high bud count from well-timed double sockets; wide blocky form with flowers in class; excellent color saturation and contrast between standards and falls. Year after year, no matter how adverse, wet, dry, or frozen the weather—HELLCAT comes through. My choice last year, EXTRAVAGANT (Hamblen '83), didn't make it, and it didn't again this year. A rich burnished amethyst with sienna beards that just blooms too late in the season for its own good. ACADIAN MISS (Army '80) is still the standard to judge all white Louisianas. Compact clumps with the strength of *I. giganticaerulea* and the rampant vigor and winter-hardiness of *I. brevicaulis*. If I could grow only one Louisiana, this would be the one. CRYSTAL GLITTERS (Schreiner '85) still impresses me as the epitome of understated elegance, with its pastel blending of peach, apricot, and ivory, with diamond-dusting ("glitters") to give carrying power in the garden. And DUSKY CHALLENGER (Schreiner '86), which went on to win the Dykes by a landslide. No great surprise, and I'm glad to see it win. It has a mystique and a stately manner in which it carries itself that simply cannot be denied. Just as impressive on the bench as it is in midday full sun.

7. The *Pick of the Litter Award* goes to the most outstanding seedling viewed this year. It was tough to choose this year, but the winner was easy: RHONDA FLEMING (Mullin '93), seen under number 84-7X. Oh! such elegance, such health. A brilliant cross, combining the strength, form, and vigor of the Dunn plicata lines with the grace of a laced white. The result is a soft, pastel lilac plicata on a pure crystal white base, displayed on a round full flower with moderate ruffling and light lace to give it femininity. With the exception of my favorite, most-nearly-perfect iris in the whole world, SILVERADO (Schreiner), RHONDA FLEMING is just the most beautiful iris I've had the privilege to view in my nearly-30 years of growing irises! Falls are wide and flaring, touching at the hafts. Formal candelabra branching, with 3 perfectly spaced branches and spur, often opening 2 or 3 at once on strong stalks that can take it. The intensity of the plicata coloration will vary from soil to soil (and state to state), and it looks different under artificial lights at the show (where it has won 2 Best Seedling awards—that I'm personally aware of), but any way you view it, it's lovely, and exciting. Ron Mullin has been "tinkering" on and off for years with iris pollen, and has produced some very nice seedlings along the way. But he's so self-critical that 1993 is the first year "the public" will be afforded the opportunity to sample his work. I'm so jealous I'd like to say "ACH! BEGINNER'S LUCK" . . . but when I look at how many years he has been hybridizing, I know better.

Runnersup: (and boy was it tough): PELÉ (Aitken '93, SDB). Any other year, had RHONDA not been around, this revolutionary color-break would have won hands-down. So this tells you just how good I think RHONDA FLEMING is!! PELÉ was the most outstanding, distinctive guest in Blanchard this year. Brilliant, sizzling neon orange branded with a shocking, blatant purple spot in the falls. Then a thick, brushy bright carrot orange beard sits atop the spot pattern. Avant garde and bold, but never garish or offensive. You would think, with such a color break as this, there would be something major wrong with the iris, like weak stems or slow increase or narrow strappy form. WRONG! Incredibly, this iris has everything: Strong but not overly-thick stalks at 12" with 1 branch, 3 buds;

perfectly round form; a pure tailored look, so as not to distract from the color array with unnecessary frills. Extremely vigorous with a good bloom ratio and gloriously thin, graceful foliage. GEMSTAR (Marky Smith '94, SDB), seen as Seedling #903A, is a true luminata, with pure shimmering spectrum violet base color enlightened in the heart with a white beard and shoulder area. Then, there is a white "dart" extending from the beard. Superb form and substance, with compact, rounded form with a hint of ruffling and smooth, rich saturation of coloring, making the luminata pattern really stand out. Plant habits, size of foliage, increase/bloom ratio, and overall proportions are outstanding. It produced 8 increases plus 2 bloom stalks this year, with 1 branch and 3 buds, well timed. FIRESTORM (Marky Smith '94, SDB), seen as Seedling #925C is a deep chocolate plicata, with coloring almost completely covering the bright yellow base. The standards are open but held well. Flaring falls are marked with peppering and sanding, with moderate to heavy ruffling. Excellent substance and sunfast, weather-resistant. Superb plant habits, with foliage not overly thick. A first-year planting produced 6 stalks (1 branch, 3 buds) and 8 increases. The stalks time themselves so that the season of bloom is extended—as one finishes its peak bloom, the next one comes on.

TALL BEARDED BY COLOR GROUP

REDS TO MAROONS: Not many stood out this year, but one that showed potential on first-year bloom in Texas was UNFORGETTABLE FIRE (Schreiner '91). It is a tall, well-branched oxblood red with a velvet finish. I found it to be a bit rough, and others from the Schreiners have better form, but the 40" stalks are thick enough to support large flowers, and it has good plant habits. Bill Maryott has had a succession of high-class maroons and wines, but ALMADEN ('90) has had the best plant habits. A lightly waved wine-red with self to bronze beards, a bit coarse in the shoulder area but not offensive. STERLING BLAZE (Innerst '88) can be a slower increaser (and slow to reestablish after transplanting), but the blocky garnet to flame red flowers have superb, leathery substance that is wind and water-resistant.

BROWNS: A weak class—still so few worthy additions each year to review. We anxiously wait to see if BRONZETTE STAR (Kegerise '92) will be as good here as it was up north. VERISMO (Hager '87) was outstanding. A very satisfying shade of solid medium brown, somewhere in intensity between the copper of BRASS ACCENTS (Schreiner) and the richness of DUTCH CHOCOLATE (Schreiner), both of which are in its heritage. It is a self, not a blend. Quite tall, with good branching and a looser, more billowy form that never collapses. Sometimes an inconsistent grower here, but was doing well this year. Most importantly, it is sunfast here in the Okie heat. It needs to be, for sure, because it is a mid to late-season bloomer. Watch for Paul Black 8774, with its golden-bronze standards and leathery caramel falls, horizontal and moderately ruffled. Deep gold beards merge the two colors. Stalks have 3 branches, often displaying 2-3 open at once.

APRICOTS TO ORANGES: SOFT CARESS (Gatty '91) is a wonderfully named pastel jewel that looked good in all the Texas gardens—very consistent. Could be put on the "L'Elegante Award" list for this year. A delicate but sound pale to pastel peach with chiffon texture and pristine ruffling. The falls have a bit

more ivory in their makeup and just a hint of an apricot band to outline its superior, blocky form. Soft coral beards. Notably strong, healthy, vigorous plants, with no signs of watery foliage, virus, or leaf spot. One of the most pleasant surprises in the two trips to Texas was the consistent performance of FEMININE FIRE (Ernst '91), a warm pink with much more apricot in its pigmentation than shows in the Cooley's picture. The "fire" must be the corduroy texture veining. The veining is in apricot, which is what enlivens the flower. Full and blowsy like the catalog shot, but with nicer, deeper ruffling. Makes an outstanding show-clump. STATUS SEEKER (Gartman '90) is a lively designer coral, high-class with a high gloss with an undercoating of salmon that adds brilliance to the flower. Flashy, billowing ruffles and a bright coral beard. FRINGE BENEFITS (Hager '88) continues to amaze me at the ease and grace such a heavily laced flower opens—consistently, no matter what the weather, never tearing or twisting, never stressed. A pastel apricot-peach to watch for is Keppel 86-27D. Standards are closed (almost conical) and falls have hafts so wide they touch, with deep pleating and ruffling and even a touch of lace. Strong stalks are 3' tall with 3 well placed branches.

PINKS: BUBBLE UP (Ghio '89) has been a most pleasant surprise, especially in terms of bud count and plant habits. An exuberant medium to deep pink with an all-too-rare underglow of salmon, capped with deep coral-pink beards. So deeply ripple-ruffled one wonders how in the world it ever opens. Big blocky flowers with a classical look that Ghio has become famous for, but the bubble ruffles are his trademark. Contrast this with the small-statured TOOTSIE (R. Nelson '90), a compact, tidy apricot-pink with bright, thick bushy bright coral beards. Well proportioned, it is a small-tall at 28-30". Actually, it comes closer to being a good Border Bearded than many BB's on the market today! PINK BLOOMER (Durrance '92) inherited many features of its pod parent, LOVE SCENE (Rudolph) such as shorter, thick stalks, thick sheaths, modified candelabra branching (3 branches) and, most notable, coral beards most definitely tipped in blue. It has more of an apricot hue in its light pink color than the Rudolph blue-pink. The best of several Joe Gatty pinks being guested in Ft. Worth was FROSTING, a fully saturated, luxurious blue-pink like the Rudolph pinks of old. It has a shorter (30") graceful S-curved stalk with 3 well spaced, wide candelabra branches. Standards are open with even heavier lace than the falls. Beautiful purple-based foliage with generous increase.

LAVENDERS TO VIOLETS: APLOMB (Ghio '92) had growth habits and increase far superior to earlier releases in this bloodline. A husky, well-shaped smoked cranberry but with a silky sheen that sets the color aglow. A few haft marks around the sienna to burnt coral beards, but not offensive. Strong, tall stalks had 2 well spaced branches with double buds in the sockets. O.K. CORRAL (Black '92) is remindful in color and form of its mother, EXTRAVAGANT, but with more of a pearly white in the center of the falls. The basic color is a full burnished amethyst, strongly contrasted with thickest bushy deep amber to orange beards set against the lighter heart of the falls. Fairly short and late-blooming. A muted montage of lavender-orchid tones is found in JOYOUS MORN (Schreiner '92). A mauve-rose, with diamond-dusted falls a tone lighter, with apricot undertoning, honey at the hafts. Seen late in the afternoon after a hot

day, and it had not faded. Small burnt orange beards not as thick as those found on O.K. CORRAL. Slightly ruffled and laced with rather plain oval falls and conical standards. TWILIGHT BLAZE (Keppel '92) is an unusual affair in muted lavender, contrasted with bright carrot orange beards. Standards are swirled and closed. Falls are wide and blocky with texture veining and a chiffon look, with just a hint of a deeper halo. Formal candelabra branching with 3 wide branches and double buds. THRILLER (Schreiner '88) blooms about as late in the season as the best from Opal Brown or Melba Hamblen. Yet its intensification of color holds up well in the late-season heat. It is a passionate plum to cerise that glows across the garden.

DEEP VIOLETS TO BLACKS: In the blacks, the star is now BEFORE THE STORM (Innerst '89) for those who like the black patent leather look versus the soot black of HELLO DARKNESS. Magnificent growth habits, with strong vigorous plants that are disease-resistant. Large blocky flowers are architecturally very sound and have just enough waving and ruffling to draw added attention. Similar, but with a smaller flower and more ruffling, is NIGHT RULER (Schreiner '90). The sheen in the falls is lustrous, but actually there tends to be more of a 2-tone effect here, in that the standards are more of a spectrum violet rather than a true black self. Beards are jet black and stunning. Much more ruffling than any other black on the market today. In the deep violets, DAVY JONES (Hager '90) looked very good on first-year bloom in Texas. Its gigantic size was one of its selling points when released, and Mr. Hager didn't lie. Bombastic, and amazingly sound structurally, even though it is so huge. A deeper TITAN'S GLORY, but not quite as deep as DUSKY CHALLENGER. But it has the strong plant habits and outstanding branching as TITAN'S GLORY. The falls are so wide they overlap! PAT LOUGHRAN (Durrance '89) is a full spectrum violet in the style of SILENT MAJESTY (Hamblen), perhaps a bit wider in the falls. Well placed heavy ruffling with excellent substance and a silken sheen. Beards are nearly black, tipped mustard only in the heart of the flower. SILK SILHOUETTE (Gartman '92) looked very promising, although the form seemed a bit loose to me this year. It is quite heavily ruffled, especially on such a large flower and has silky texture and a deep, near-black beard. A rampant grower, among the strongest in the garden.

BLUES: The shocker in Texas had to be BLUE IT UP (Ernst '91), a smaller-flowered rich true-blue with outstanding shape and leathery substance as is found in BREAKERS (Schreiner) or SAILOR'S DANCE (Schreiner). It was performing exceptionally in every garden viewed in Texas. BLENHEIM ROYAL (Schreiner '90) was outstanding in Texas, Tulsa, and the home garden in Blanchard. A lustrous, leathery blue, remindful of an improved SAILOR'S DANCE, with far superior form—a flatter, blocky look, with heavy, well-positioned ruffling. Often opens 3 at once and has backup buds. FLY WITH ME (Aitken '90) was also very nice in both Texas and Oklahoma. It is a perfectly rounded, heavily ruffled, tight medium blue with a mink overlap so intense that the flower is almost smoky (but not dirty or muddy). Superb stalks, and a healthy grower. OCEAN PACIFIC (Ghio '88) was looking good in several gardens this year. A heavily ruffled ocean-blue in a full-blown, attractive style. The stalks have supreme branching, modified candelabra well placed on the stalk. Paul Black had a row of PENCHANT (Harding '86) in full bloom all at once, and it's no wonder this ruffled blue from

Down Under has done so well (it won the Australian Dykes Medal, beating out all those Taylor Louisianas!). Remindful of a larger version of its parent, the timeless FULL TIDE (O. Brown), with the same show stalks supreme. In spite of our terrible bloom season, each and every stalk looked exactly the same and they were splendid! People have been so busy checking out the Gatty pinks that I feel his ROYAL ELEGANCE ('88) has been overlooked. Gigantic cornflower blue with thick substance and a nice sheen to it. The ruffling is intense, especially for such a large flower. Truly well proportioned, it makes large plants with plenty of increase. YANKEE PRIDE (Maryott '89) has also been overlooked, and it blooms very late in the season here. Closest in color to SAPPHIRE HILLS (Schreiner) or maybe a touch lighter like TIDE'S IN (Schreiner), it has closed, tight form and a very nice stalk. SUPERMAN (Maryott '86) doesn't have quite the contrast in color between its principal color and the reddish beards as does its main competitor, SKYBLAZE (Keppel), but nonetheless is a very nice attempt at a red-bearded blue. Big blocky form, and an attractive lightening in the heart of the flower around the beards. The beards are fat and bushy, but are more tangerine than red. KATHLEEN KAY NELSON (Hager '93) was a very large-flowered deep blue with a white beard and zonal patch in the heart of the flower, not quite as noticeable as some of the work being done by the Schreiners.

WHITES: PURE-AS-THE (Innerst '89) was the shining star here. Finally, a heavily laced white that is a finished product. Plant habits are exceptional, with vigorous, disease-resistant plants that don't "go bald" and don't have watery foliage. Elegance supreme, with nicely formed florets adorned with intricate lace. Not as heavily ruffled as some, and this may be one of the prime reasons it opens flawlessly. MY VALENTINE (Hager '87) is another one of those late bloomers that has been missed. Broad expansive flowers are blocky and lightly to moderately laced, with hafts nearly touching. Yet, with the lace and the diamond-dusted chaste white, it projects femininity. The beards are a soft coral in harmony, and this year they approached pink. Outstanding formal candelabra branching and a modest grower. New for this year is GOLDKIST (Black '93), a personal favorite of mine. Actually, it's a bit difficult to describe. Chalky white base color, with a heavy intensification of golden yellow in the shoulders. There's an unusual "webbing" of purple veining around the gold beards that really makes the flowers dance. Heaviest leathery substance and bubble ruffling so deep you'd swear it had come from Santa Cruz! Hooker Nichols 8729C is an expansive blocky pure white with white-based beards heavily infiltrated with deep tangerine to really-red. A nice, finished look displayed on formal candelabra branching, with 3 open at once. There is just a hint of yellow deep in the heart, but doesn't distract from the red-bearded white effect.

CREAMS TO YELLOWS: Several fine new ones were seen this year, but the older SUMMER GOWN (O. Brown '88) was impressive all over Oklahoma. It is a strange shade of light yellow, muted, almost like a tanned undercolor, but not muddy. Show stalks supreme and (of course!) a late-season bloomer. SUN POLKA (Magee '91) was tall and bright, here and in Ft. Worth. A cheerful sunny yellow with a large area of shimmering white in the center of the falls. Well proportioned, with big foliage, good branching on tall, thick stalks and huge prominent flowers, lightly swirled and ruffled. Two very fine "reverse amoenas"

in yellow, but with an overall effect of yellow—thus reviewed in this section—are: SUNKIST FRILLS (D. Palmer '87) will never win major awards or ever win a Queen of Show either. Even though a slow grower and sometimes hard to establish, it is a beautiful piece of artwork from one of the best, the late Dorothy Palmer. Short of stature with modest branching and usually only 5 buds, (but they time themselves well, rarely ever opening more than 1 at a time), this late-season beauty is a classic in form, substance, and finish. Heavily ruffled with crocheted lace. Brilliant deep yellow sunshine standards and cold white falls with a gorgeous, prominent banding of the standards' color. Leathery substance. I found the average bloom lasts at least a full day longer than any other in the garden. Just the opposite in nature and performance is FIRST INTERSTATE (Schreiner '91), a tall, demanding extrovert with the same general color description as SUNKIST FRILLS, except with more shimmering diamond-dusting than leathery substance. Flower form acceptable, but not as finished a look, and the flowers are actually a bit smallish for the height of the stalk. Bright and showy. NEW MEXICO SUNSHINE (Doonan '91) is a fine new full golden-yellow, the best new gold seen this year. It has wide form and is deeper than AZTEC SUN (Dyer) but just as sunfast. By the time I saw this, it was mid-afternoon on a hot Texas day. "Yours Truly" was melting; NEW MEXICO SUNSHINE was not! One of the most intriguing seen was AMBER TAMBOUR (Ernst '91), a pleasant surprise. With so many yellows on the market, it was fun to see a different approach so successful. A full saffron-gold or "amber" that was totally sunfast. AMBER TAMBOUR was first seen at 6 p.m., and it had not faded a bit. Standards are a curious closed near-conical shape and the falls big and blocky, but makes a pleasing, unique look. Watch for VEGAS WEEKEND (Nichols '93), a bold full golden yellow in coloration between that of BOLD GOLD (Gatty) and the more yellow, older VEGAS (Hamblen). Tight form with moderate ruffling and no distracting white patch at the beard. Branching was a bit close, with 3 branches, but looked promising.

PLICATAS: Who would have dreamed such wild and wonderful, zesty patterns and color combinations would emerge this way. The first two probably should have made the Pick-of-the-Litter bunch, but we ran out of slots. They're in a class all their own anyway: MIND READER and SPIRIT WORLD (both Keppel '94). These are sister seedlings, seen this past year under number (86-18B = MIND READER and 86-18D = SPIRIT WORLD). Hallucinogenic true-luminatas with pattern, form, and finish never seen before in Tall Bearded irises. MIND READER has deep midnight-violet standards, heavily edged in a silver halo (not white). Falls are deep violet with a white starburst illuminating in the top of the falls around the white beard. Falls are edged in white also and then have white sparks marbling and radiating downward and outward from the luminata area. Strong husky plants. The branching on both of these is stupendous—5 to 6 branches on MIND READER, with the bottom branching having rebranching, beginning only about 5" above the ground. Then up and up and up. Double sockets too (and probably triple in some positions.) Having picked oneself up off the dirt, it's time to go over to its "sister" SPIRIT WORLD. The stalks and sockets on this one are black! Deep orchid standards with a 1/8" halo in tan-ecru. Falls are a rich, deep wine-black, with white marbling shot completely through the falls from the

luminata patch at the beard. Overall, it has more red in its personality than its sib. As if not enough, rather than traditional luminata-white beards, these are shot with bright red! Here the branching starts right at ground level, rebranches, and then has 3 well up the stalk with perfect placement. You'll never be the same once you've seen them! A very colorful, improved RANCHO ROSE (Gibson) type was VICTORIA ROSE (Durrance '92), seen in Texas under Seedling D86-153. A rose-pink plic, the standards completely covered in a smoky-rose and well held. Rather tailored falls are a lighter pink ground, then peppered, sanded, and edged in bright pansy purple, with a double-belly-stripe right down the center of the falls! Coral beards. Strong plants with purple-based foliage. ACOMA (Magee '90) is a lovely steel-grey on white plicata, with big blocky flowers like RHONDA FLEMING, but in a near-colorless blue (subtle and lovely). Creative, crazy mixed-up bloodlines produced a burnt sienna beard on this one. Very different and appealing. Unfortunately, although it has tall strong stalks that are well-branched, it only has 5 buds and when you consider it often opens multiple blooms. . . . The Schreiners are as famous for their blue plics as their blue selfs, and a new one shows great promise: CLASSIC LOOK (Schreiner '92) was a bit inconsistent on first-year guest bloom in Texas (seen under Seedling #AA-2169-C), but was very fine at Ft. Worth Botanic Garden. Well named, a classical blue-on-white plic, with clear medium blue stitching carefully placed in a 3/8" to 1/2" band on the very edge of the standards and falls (no streaking or bleeding into the base color at all). FILM FESTIVAL (Keppel '93) is the most brilliant and vivacious of the GIGOLO kids, a brighter RASPBERRY FUDGE (Keppel). Light pink base, heavily sanded and striated with neon raspberry-rose. The standards are almost completely saturated. The falls have a sensible amount of pink showing through, but are then rudely interrupted with a wonderful belly-stripe right down the center! Carrot beards. Wide round falls, gently waved. Branching, again beginning right at the bottom, with 4 more plus terminal above that. Double-socketed, of course, with 3 open at once the day I saw it. Keppel 87-21K, one of the most hauntingly beautiful plics I've ever seen, and there's nothin' like it. A study in impressionistic pastels, with a soft apricot base gracefully dotted and peppered in steel-grey/blue! Carrot beards. We only got to see one bloom on an aborted stalk, so the overall quality was impossible to evaluate this first year, but if it comes through like the other Keppel plics, he'll have a new smash-hit!

AMOENAS AND REVERSE AMOENAS: BORN BEAUTIFUL (Black '92) is a tall, stately, late-blooming lilac-orchid amoena with wide graceful candelabra branching and light ruffling. This diva is encased in a smoked mother-of-pearl sheen. A neat little amoena which may or may not be introduced is Black 90U15, a short stubby stalk displaying tight leathery flowers in a peach version of LIGHTED WITHIN (Blodgett). Almost a spittin' image, and surely a child (although the parentage is "officially" unknown on it), except substitute "peach" where you would usually see and say "yellow". In spite of the same faults, we hope Paul agrees to release this one because of its distinctiveness and sheer beauty. Two reverse blue amoenas set a whole new standard in this color class, and both are worthy additions to any collection: WINTER ADVENTURE (Black '92) is the best of some high-quality work Paul has been doing here. The largest flowers seen yet in this line, placed on sturdy stalks 3' tall. Rich medium blue

standards, infused even more heavily in violet. Falls aren't white, but they are noticeably lighter in a rolling-ocean blue, gradually easing to sky-blue in the centers. Soft powder blue beards are harmonious. Gently waved and ruffled, with good plant habits. IN REVERSE (Gatty '93) Deepest blue standards seen yet, closed and swirled; chalky white falls are horizontal and artfully waved. Superior show stalks, with 3 branches and spur, often opening 3 at once. This was seen in Texas as Seedling S29-1, and the name chosen is brilliant!

VARIEGATAS: Two from Joe Gatty continue to impress, although I have found both to be slow to establish, with minimal increase. SMART ALECK ('88) has almost saffron yellow standards with a burnished look, tight and virtually conical. Falls are clean-hafted in a velvety dark violet-red with dark bronze beards. Extremely late-blooming. HIGH DRAMA ('91) has more of a glow with slightly larger flowers. Standards are more butterscotch underlaid in old gold; falls a more intense, dramatic red, tailored, and also smooth at the hafts. It doesn't bloom quite as late in the season. A comical iris with a cute name is CALL RIPLEY'S (Burseen '90). Actually closer to a bicolor, for the standards are somewhere between gold and a salmon-orange. But then the falls are a burgundy silk, set off with intense coral beards. Large and imposing, with a few white haft marks that really don't offend.

NEGLECTAS: The new standard by which to judge is PROUD TRADITION (Schreiner '90), a rich, pure neglecta that has everything going for it that the highly-touted Best Bet (Schreiner '88) lacks: Large, strong flowers, tailored and grand; tall well-branched stalks remindful of those produced by the great HOLY NIGHT (Mohr); consistent, good bud count, well timed; and most importantly, plants that grow! CHINESE EMPRESS (Blyth '88) is a well-named beauty, overlooked in America thus far. It has medium blue (or darker) standards, heavily infiltrated in indigo. Falls are a silken violet, approaching black, encased in an aura of smoke, then set off with a black beard tipped bronze. And from WITCH'S WAND (Blyth), watch for Paul Black A68A, his best TB seedling seen this year. A simple description would be "an improved WITCH'S WAND". A very refined, dignified dark beauty, with closed, heavily waved and fluted spectrum violet standards. Falls are a full two tones deeper, approaching formal black, round and ruffled. Startling sienna to carrot beards sear the darkness. Exceedingly vigorous, husky plants produce strong show stalks in a candelabra fashion with 3 branches.

BICOLORS: From a long line, including the famous TOUCHE (Hamblen), comes FERN MAW (Hamblen '91). Soft pink standards sit atop lilac-lavender falls with a hint of a band and a soft sienna-coral beard. Typically-perfect Hamblen show stalks with excellent spacing, easily opening 3 at once in symmetry supreme. Lightly ruffled and laced. A notably stronger grower and increaser than some of the others from this line, such as ROSABELLE V (Hamblen) and WINIFRED ROSS (Hamblen). Another with greatly improved plant habits is HONEYMOON SUITE (Ghio '91). A DUALTONE (O. Brown) type, with peach-pink standards, infused orchid in the midribs; pretty, clean orchid-lavender falls, with a hint of deeper orchid at the shoulders and in a band on the edges. Branching a bit close but acceptable, and opens 3 at once. Adorned with evenly-applied ruffling and lace. Like a fancy SWEET MUSETTE (Schreiner). Joe Ghio 87-129W2. Sultry apricot standards contrast luxurious falls in a magnificent

changeable-taffeta color array of translucent plum, orchid, and lilac, all with texture veining. Different colors appear as the sunlight hits it and as one changes positions viewing it! Medium orange to coral beards atop falls with touching hafts. Good strong growth habits and candelabra show stalks. LADY JULIET (Nichols '93). A bicolor unlike any on the market I've seen to date. Soft ochre-yellow standards like those of DEBBY RAIRDON (Kuntz); gentle elegant pastel to light orchid falls with leathery substance but a chiffon texture. There is an intensification of soft tan to chocolate in the shoulders, but not rough like haft marks, then, orchid beards lightly tipped mustard. Elegant texture veining throughout on a sizeable flower.

POTPOURRI: DIFFERENT WORLD (Ernst '91) was the best of several nice new things seen in Texas from Rick Ernst. His earlier release, AFTERNOON DELIGHT, is grown fairly extensively in this part of the country, but this iris is far superior in every way. Most graceful, yet has huge blocky flowers, opening 3 at once on fairly short stalks with ideal branching. Superb plant habits, with clean, lush foliage. Gentle honey standards have orchid glitters in them to give life to the flower. Falls are a whipped-chiffon orchid, gradually lightening to white in the center. Honey shoulders. Amazingly sun-proof. SIGHS AND WHISPERS (Black '90) won the first Premio Firenze in Italy for Paul Black in 1992. It is a pure cold icy-white with a soft washing of clear-blue only on the edges of the falls. Not a plicata, but rather a modern version of the popular FUJI'S MANTLE (Schreiner). Tall, willowy stalks display the moderate-sized florets with good proportion and spacing. Black A269C, affectionately referred to as the "Evil Iris", a cousin to the great dignified A68A is a sultry concoction vaguely resembling HONKY TONK BLUES (Schreiner), in that it is a deep blue, but the falls are totally engulfed in a smokescreen of smoked black rather than silvery-white. Lighter blue stylearms come peering from the heart, as if looking to see if "the coast is clear". Like HONKY TONK BLUES, the whole thing starts off with light blue buds, making the unveiling of the blossoms even more shocking. Heavy scalloped ruffling with leathery substance.

SPACE AGE: HELGA'S HAT (Nichols '90) is a cold pure white, with just a touch of yellow in the shoulders. It adorns itself with long white horns. Substance supreme, and very fine plant habits. Chiseled ruffling, like carved wax.

MAGIC KINGDOM (Byers '89) is one of the most eloquent and pristine from Monty's work. A soft medley of sherbet colors, with the standards in peach and the falls in lilac-orchid, adorned with coral beards ending in peach horns and even sometimes flounces. The entire flower glistens with diamond-dusting. Wide form with satin ruffling. ROCK STAR (Byers '91), on a first-year planting, did not bloom during regular TB season. Much to my surprise, there it was in June in full bloom. A bright traffic-stopper plicata, similar in color layout to COLUMBIA THE GEM (Gibson) or one of the more vivid Keppel dazzlers from the GIGOLO line: Clean pink base, mischievously streaked, strippled, and polka-dotted in wine, cranberry, and strawberry—all topped off with a splendid coral beard with a long coral horn protruding! Much larger flower than its dainty, charming, over-looked parent, LOVEBIRD (Byers).

STINGER (Byers) was one of the most significant hybridizing achievements bloomed this spring in the Median Spree guests: The first SDB Space Age iris. We

measured it every which-way to be sure it wasn't IB instead of SDB. It fits the bill, and even blooms more with the SDB's than the IB's. A perky honey-brown on ivory plicata, remindful of its parent, MUCHACHA (Gatty), but then—right there—HORNS—PURPLE HORNS! Stalks were 12-14" tall, with 1 branch and 3 buds. Foliage is proportionately narrow. This one exhibits a double halo with the inner secondary halo in violet stitching and the outer principal band in bright tan to honey.

TRANSGENIC MODIFICATIONS FOR IRISES

Raymond G. Smith (Indiana)

The most important development for making modifications in iris nurture and plant improvements in history has occurred during the past thirty years. It has become possible to make desirable changes in cereals and other foods that formerly would have required centuries of hybridization if they were possible at all.

The cells of higher plants and animals contain a jellylike material that is identical in composition. It is enclosed in the nucleus of the cell and tiny bits of it are called chromosomes. Each chromosome is made up of a string of thousands of genes that constitute the controlling off-and-on switches and manufacturing organs of the organism. Because all genes are similarly constituted they are transferable. For example, if a gene for cold resistance were discovered in an elephant it can be transferred to a mouse or an iris where it would become part of that genome and protect its new carrier from cold.

Cells containing genomes are termed eukaryotes and genes from them are transferable to other eukaryotes. Transfers are now being made with regularity, mostly for improving plants and animals in the food chain. They are just beginning to be approved for correcting human gene related diseases. Plants have been engineered to produce some of their own fertilizer, especially nitrogen, and to produce resistance to pests and diseases. Not only are genes transferable, but genes, themselves, can be modified in the laboratory (recombinant DNA) to effect desired changes. The day of scarlet and spectrum blue irises is close at hand!

Genetic transformation has been made feasible by a number of recent discoveries such as a scissors that can cut the genetic string of DNA precisely at known locations. These genetic scissors are termed *restriction enzymes* and those from different plant sources will cut at different locations. A second discovery is a method of cloning a million copies of a section of DNA easily and rapidly. This procedure is known as the *Polymerase chain reaction*, (PCR).

Plants (or animals) containing foreign DNA in their genomes are known as transgenic. It is the purpose of this introductory article to note some of the experiments already completed, to provide some of the concepts and terms

necessary for understanding future studies, and to relate the process to the needs and wants of irises of the future.

A recent newspaper story reported that over the past five years applications have been made to conduct more than 520 field tests for genetically engineered organisms. (1) Similar work is going on world wide. These applications have been made from 37 states; some of the tests have been completed and in 1993 we can expect to find improved fruits and vegetables in stores.

In their new home, transplanted genes perform their programmed function. Immunity to any pathogen can be acquired by transplanting the gene from a plant, virus, fungus, mold, bacteria, or animal that possesses it to the plant that needs it. Immunities have already been transferred to rice, tomato, tobacco, alfalfa, and melon. Over the centuries various organisms have developed numerous ways of countering the attacks of their enemies. All of these strategies are encoded in the genomes of these organisms and their genes are waiting to be identified, located, and transferred. Some defenses are most unusual, such as the victim producing proteins capable of degrading the cell wall of the attacker, or producing an odor (tomato) or a skin irritant (poison ivy), or itself producing a toxin (poison) that will attack the attacker. Some plants, when attacked by a herbivore will quickly produce salicylic acid that spreads from the area of the lesion to the entire foliage to warn the plant to set up its defense. Many plants, if subjected to a mild attack, will develop an immunity to a more severe attack in much the same way immunized animals do. An amazing defense against herbivore attacks is the induction of a digestion inhibitor that permeates all except the roots. This inhibitor has been found in tomato, potato, alfalfa, cucurbits, and poplar trees. It is named *systemin*. (2) A group of physiologists in Basel, Switzerland have recently discovered a new type of plant fungicide located in the vacuoles of tobacco plant cells. (3) Plants improved by gene transfers, in addition to those already named, include beans, peas, melons, peaches, strawberries, raspberries, corn, popcorn, cotton and sugar beets. (4) Canada, as well as many other countries, has mineral-contaminated soil around its mines. A Calgary geneticist, Lashitew Gedamu has introduced into oilseed rape, tobacco, and alfalfa a human gene capable of chelating metals and thus decontaminating soil. The star moss, *Tortula ruralis*, common to North America can withstand severe drought for several years. The transfer of that gene to food and other crops can place in production millions of acres of arid land. (5)

Although not strictly germane to a question or discussion of gene transfer because to date there seems to be no relevant evidence, the question has been asked whether the pod or the pollen parent is more important to an iris cross. Some irisarians have held that it makes no difference because half of the genes are derived from each parent. However, the pod parent transmits more genes than the pollen parent. Both parents possess a mitochondrial genome, and only mitochondrial genes are derived from the pod parent. The size of the iris mitochondrial genome is unknown, but in humans it has been counted as 16,569 base pairs and there has been some evidence that certain disease propensities are maternally inherited. Then it follows that if both parents will set pods, the better iris (better defined as whatever traits the hybridizer most values) should be used as the pod parent.

Iris Traits

Each serious hybridizer will have his own list of qualities that he wishes to incorporate in seedlings, and will have them ranked in order of importance. When genetic scientists turn their attention to ornamentals it will become possible to incorporate traits never before seen—true reds and blues, exotic shades and combinations of color, changes in form including unimagined appendages, bacterial, fungus and virus immunity, built-in insecticides, widening of pH tolerance or possibly even eliminating it from consideration, flower crush resistance so that the iris can become a florist's commodity, freeze resistance, heat resistance, drought resistance, over-watering resistance, faster callus formation and better resistance to rhizome or root injury. Fragrance scents of any kind can be introduced, any beard color will be possible, and all irises can be made to rebloom or everbloom. If this sounds like utopia just wait for the next millenium when true genetic engineering becomes possible, that is, when functional genes will be created in the laboratory!

Fortunately or unfortunately, depending upon one's viewpoint, these changes will not come overnight. It is still too early to throw out the hoe and the tiller. At the present time there are geneticists and molecular biologists all over the world engaged in mapping the human chromosomes. After about five years, only two have been nearly completed, but much progress has been made on all the others. The human genome is diploid with 22 chromosomes plus two sex chromosomes, where the modern TB iris is tetraploid with 48 chromosomes. Human chromosomes are predicted to have from 50 to 263 million base pairs with the average having 130 million base pairs. The human genome has to be used as reference because it is the only one of comparable magnitude about which much is known.

Basic Terms

Genes are small sections (known as exons) along an enormously long ribbon of DNA (deoxyribose nucleic acid). Connecting the genes are long stretches of meaningless ribbon (known as *introns*). Most DNA consists of a double strand in helix form. If we imagine DNA on a larger scale it would be like a circular staircase with wide sidewalls reaching from here to the moon, with the steps being formed by four bases, two purines and two pyrimidines. The two purines are guanine and adenine, the pyrimidines thymidine and cytozine. Thymidine and adenine always pair with each other by reaching out and joining with hydrogen bonds. Guanine and cytozine do the same and thus form the steps of the stairway and tie the two strands of DNA to each other.

The sidewalls of the stairway are sequences of 20 different amino acids, each acid being coded by three bases. (6) Reading and identifying hundreds of millions of these triplets as they appear in a complete genome is a formidable task. A series of thousands of these *codons* may be non functional for cell operations. They are

introns separating genes. Then comes along the AUG signal indicating the beginning of a genetic sequence. The sequences that follow, an *exon*, constitute the gene which is terminated by one of three triplets—UAA, UAG, or UGA which have been given the names ochre, amber, and opal, respectively. All of this information is packed into the genome of each individual cell in any plant or animal. That is, each cell contains copies of all of the organism's genes which may number 100,000. However, only about 15% or in this instance 15,000 are functional in each type of cell. In other words, the genes that operate a muscle cell will not all be the same as the genes that operate a nerve cell, which enables cells to function differently.

Genes respond to different types of external signals. Some turn on when days lengthen, some turn off when cold affects them. They tell a seed to germinate, a bloomstalk to emerge, or a cell to start making a toxin. Others deactivate functions. All cell functions are determined by the active genes they enclose.

All forms of life are concerned with staying alive and propagating themselves. A single variety of plant has been found to produce as many as 14 different poisons. When an herbivore begins to destroy the plant, the poison factories begin to produce. Miniscule amounts of poison can be made in each cell, but a few billion cells can create a lot of poison.

Gene Transfer

Transferring a gene from one organism to another requires the following steps:

1. Locating the gene on a chromosome of the donor mechanism.
2. Identifying and finding a marker gene to be transferred along with the donor gene. The marker gene must be obvious and readily observed to tell whether the transfer has been successful.
3. Selecting primers that will bind the ends of the sequence (gene) to be transferred.
4. Finding an enzyme that will cut out a section of the DNA that includes the gene to be transferred.
5. Use the polymerase chain reaction to produce the desired number of copies of the gene.
6. Select a method of transferring the gene. Several methods have been employed:
 - a. The "gene gun" method. The gene gun shoots a large number of the gene into the foliage of the plant. Some genes will penetrate the cell walls and be incorporated into the genome of the receiving plant.
 - b. Viruses. The donor gene is first introduced into the genome of the virus. A virus can penetrate cell walls and incorporate its genes into the host genome.

c. Bacterial vectors. One such is the Ti plasmid. This is a genetic element capable of independent replication and can carry genetic material from plant or animal into the receptor plant. Ti means tumor inducing and is the crown gall bacterium *Agrobacterium tumefaciens*.

The bearded iris mosaic virus would be a possible vector for iris gene transfer. A successful transfer would be obvious with flower color or form modification. A less obvious transfer might require a marker gene e.g. for purple leaf base provided neither parent carried that gene.

Genetic transfer is here to stay and could be expected to come within the lifetimes of many members of AIS. It won't come easily nor without cost in time or effort. The procedure is so new (the first successful transfer was made in 1983) that new methods are constantly being discovered. Knowledge is increasing exponentially and costs in time and money are decreasing accordingly. The red and blue irises are just over the horizon.

Reference and Notes

1. G. Chui, *The Indianapolis Star*, Section F, July 12, 1 (1992).
2. A. S. Moffat, *Science* 257, 482 (1992).
3. B. McGurl *et al.* *Science* 256, 1570 (1992).
4. L. Sticher *et al.* *Science* 257, 655 (1992).
5. This statement is incomplete. Actually the drought problem involves numerous factors including soil type, frequencies and amounts of rainfall, mean temperatures and fluctuations, etc., and is not solvable by a single gene transfer. The same holds for saline soils.
6. In DNA the parallel helices do not run the same as the sides of a circular stairway. Instead their two sides are mirror images of each other. The introns and exons making up the ribbons of DNA are composed of the 20 amino acids shown in the following table, each of which is made by a combination of three of the four nucleic acids, and the codons (the triple sequences which represent them) are shown. Also listed are the initiating and stop codons. In RNA uracil is substituted for thymidine and pairs with adenine to make up the codons.

Amino Acid	Codons	Signal Codons
argenine	CGT, CGC, CGA, CGG	start = ATG
histidine	CAT, CAC	stop = TAA, TAG
isoleucine	ATT, ATC, ATA	and TGA
aspartic acid	GAT, GAC	
leucine	TTA, TTG, CTT, CTC, CTA, CTG	
lysine	AAA, AAG	
methionine	ATG	
phenylalanine	TTT, TTC	
threonine	ACT, ACC, ACA, ACG	
tryptophan	TGG	
valine	GTT, GTC, GTA, GTG	
proline	CCT, CCC, CCA, CCG	
glutamic acid	GAA, GAG	
alanine	GCT, GCC, GCA, GCG	
asparagine	AAT, AAC	
glutamine	CAA, CAG	
glycine	GGT, GGC, GGA, GGG	
serine	TCT, TCC, TCA, TCG, AGT, AGC	
cysteine	TGT, TGC	
tyrosine	TAT, TAC	

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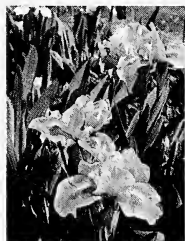
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PRINCIPLES

1993 INTRODUCTIONS FROM BARBARA & STERLING INNERST



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PERSUASION**

OMINOUS STRANGER—Sdlg. 3103-7: (Point Made X sib) TB, 34", M-L. Strange muted yellow trimmed muted red-violet-blue-purple with brownish dots throughout the yellow. Buds are interesting—muted rose-violet-purple, neatly wrapped with 1/4" white edge. 7-9 buds with excellent branching. \$30.00

PEACEFUL PERSUASION—Sdlg. 2369-10: (Seashore X Metallic Blue) TB 36", M-L. Mid-blue with darker blue highlights and beautiful ruffled form. 7 buds with outstanding branching. EC and HC '92. \$30.00

NIGHT FIRES—Sdlg. 2949-9: (Firewater X Midnight Fire) TB, 34", M-L. Dark blue-purple self with fiery red beards. 7-9 buds with excellent form and branching. \$30.00

PRINCIPLES—Sdlg. 3322-1: (Twice Delightful X 1851-2: ((Appalachian Spring X Navy Strut) x ((Captain Jack x Warm Laughter) x sib))) TB, 34", M-L. Excellent, very wide, ruffled silvered white. 7-9 buds. HC 1991. \$30.00

FOREIGN STATESMAN—Sdlg. 3319-1: (Titan's Glory X Twice Delightful) TB, 36", M-L. Huge full purple with 7 to 9 buds on excellently branched stalks. Round, ruffled form—best purple in the garden. \$30.00

FROTHINGSLOSH—Sdlg. 3824-2: (Point in Time x 3531-5: (Hee Haw x Jeepers)) IB, 20", M. White ground plicata trimmed powder blue. Excellent form, 6 buds. \$15.000

CARRIWITCHED—Sdlg. 3828-4: (2237-15, Progressive Attitude pollen parent X 3529-1: (Jeepers x Muchacha)). IB, 18", M. White ground trimmed purple. Excellent contrast purple is applied in short strokes rather than dots. 7 buds. \$15.00

JUBAL—Sdlg. 3537-10: (2249-17: (Jared x Dixie Pixie) X 2843-1: (Jared x 1559-2: (Melon Honey x Soft Air))) SDB, 12", M. Excellent formed moss green with blue beards. \$10.00

JABAL—Sdlg. 3537-10: (Syllable X Dash Away) SDB, 15", M. Reverse yellow amoena. \$10.00

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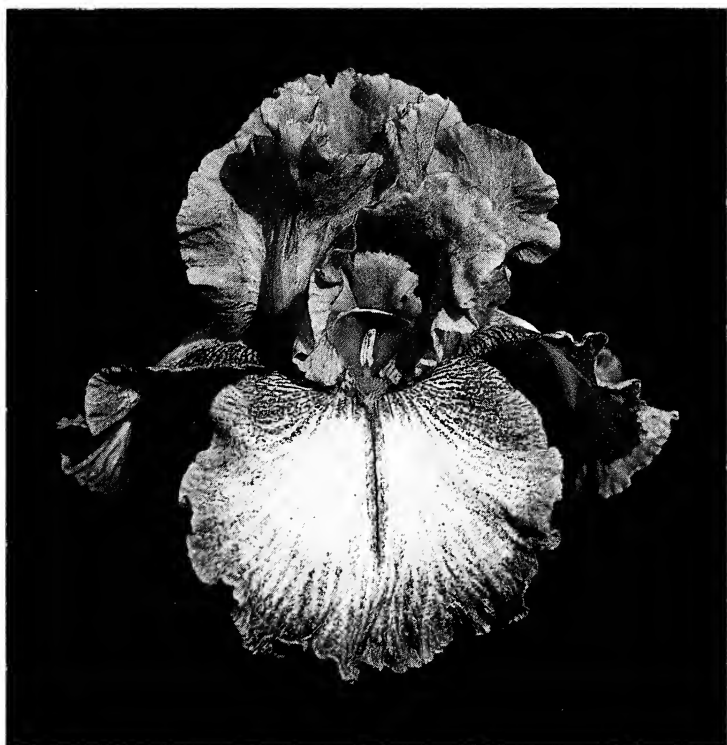
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IB Collection 1990

BASSO—Dahlia purple-HM 92
BLUE EYED BLONDE—yellow-blue beard-HM 91
COME SEE—White with violet edging, intro. 92
HERS—White with lavender flush, intro. 90
HIS—Chrome yellow-violet flush-HM 92
HUBBUB—Variegated-HM 91
JOHN—Standards brown, falls yellow-HM 92
KERMIT—Chartreuse with blue blaze-HM 92
MORNING SHOW—Cardinal Red-AM 92
WILLOW WARE—Blue amoena-HM 92

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BATIK—White ground striped purple-Knowlton Medal 92
BERRY RICH—Purple self-AM 92
COLOR BRITE—Pink variegated-remontant-HM 89
FEATHERED FRIEND—White serrated edges-AM 88
LITTLE MISS—White, variegated violet-HM 89
LUMINA—Blue-violet, white center-intro. 91
SONJA'S SELAH—Near pink amoena-HM 91
ZINC PINK—Pink-AM 91

The above 8 beautiful Border Bearded Irises for \$30.00.

BB Collection 1993

CALICO KID—seedling #85-19, venitian pink, striped bishops violet with red beard
CALORIFIC—an amoena with mauve falls and a saturn red beard
CAN DO—an attractive lavender-violet plicata with a black beard
UH HUH—lavender-rose self with yellow beard
VERY VARIED—Royal Purple with white streaks and yellow beard
YO—Rhodamine purple with a saturn red beard. Appears to be a red Iris in the garden.

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MARIA TORMENA—TB-Pink variegated-HM 90
BLUE EYED BLOND—IB-Yellow/blue beard-HM 91
ZINC PINK—BB-Pink-AM 91
WANDO—BB-White ground, striped blue-intro. 93
MINIKIN—MDB-Violet stands/yellow falls-intro. 93

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PRACTICE WHAT YOU PREACH

Perry Dyer (Oklahoma)

Perry Parrish and I were invited to judge the Texoma Iris Society median show in Denison, Texas, last spring. This is a small north Texas club, and I had taught a judges training school there awhile back. This was only their third median show and, with the crazy weather and the regional meeting in Waco scheduled for the same day, they anticipated a small show. Upon arrival, Perry and I found a nice little show, with a diverse group of entries split in almost equal numbers among the Standard Dwarf Bearded, Intermediate Bearded, and Tall Bearded classes.

Now, when I teach a school on exhibition judging, there are a couple of points that I emphasize each time. You might say I “preach” on these points:

1. Before judging, walk around the entire exhibit a few minutes, to get a feel for the types of irises that will be judged, the quality of the specimens, and the grooming in general. This will help you decide how strictly you should judge the show and help you maintain consistency throughout the duration. Even though you’re not looking at individual specimens at this point, the really outstanding ones will pretty well jump out at you. . . . This show was no exception—the high quality of grooming; the outstanding specimen of the Tall Bearded, BREAKERS; a couple of really nice IB’s and SDB’s; and one sensational specimen in the Aril/Arilbred class.

2. Always have your complete set of the *Registrations and Introductions* books with you, although most shows will have them available. If I have any doubt about the specimen I’m judging (especially if it is particularly nice and a contender), or if I’m not familiar with it (who could possibly have an intimate knowledge of the zillions of varieties on the market?!), I ask that one of the clerks or the show chairman look up the variety for me in the checklist. Not only will this help assure you’re judging the right color and class, but often the parentage will give an indication of what the variety’s characteristics will be (such as branching). This *doesn’t* slow the judging process down that much if you utilize the show people that are there to assist you—that’s what they’re there for—don’t waste the precious judging time looking them up yourself . . .

Well, the very first specimen we judged was the aril. Hands-down, the best thing there. In retrospect, it would’ve easily won Best of Show honors. Perfect, beautiful, exotic, well-grown, well-groomed, absolutely no suggestion of damage from the late freezes—an incredible accomplishment in culture and expertise in exhibiting. It was a dazzling ivory, heavily adorned in rich brown onco veining and a luxurious signal pattern. Then, the style-arms were a deep chocolate brown protruding from the heart—almost *sinister* in appearance. Captivating!

We knew it was a brand new introduction, because the exhibitor had written the hybridizer’s name and year of introduction right below the variety’s name on the entry tag. I was curious as to the registered height and percentage of aril blood (pure or an onco-bred?), so I asked that the description be looked up in the Registrations book.

As I read the registration on this pure onco-bred, I got a big knot in my stomach—the specimen was misnamed! Not even close. Instead of chocolate

veining on cream, it was supposed to have been a colorful collage of rose-pink with a brilliant red signal and veining. The hybridizer had sent the gardener the wrong plant!

Lesson Learned: Always take that extra minute and be sure, especially if higher awards are at stake. Don't feel embarrassed because you don't know every iris that's ever been introduced in this world. If it's close, judge it (remember, weather conditions and those artificial lights can play tricks on you). If it's not, *don't!* But also keep in mind that some of those hybridizers aren't all that accurate when they register their babies!

As it turned out, the person who had entered the aril also won Best of Show honors with that stalk of BREAKERS. Needless to say, he was crushed when he discovered he had received (and entered) a misnamed introduction.

But wouldn't we *all* have been embarrassed had we awarded the aril Queen of Show and *then* discovered it was misnamed!

Golden State Judges' Training Seminar with Phil Williams

Saturday, June 12, 1993, 8:30 a.m to 4:00 p.m.

Lakeside Garden Center, Oakland, California

Earn up to 5 hours of judges' training credit at Region 14's first Golden State Seminar. The chief presenter will be Phil Williams of Eagleville, Tennessee. Mr. Williams is a former guest editor of the AIS Bulletin, former board member, and was the editor of the current judges' training handbook. In addition to judges' training, there will be two slides presentations: the morning program will feature irises seen at Region 14's Spring Regional and the AIS National Convention at Ft. Worth. The afternoon slide presentation, "Region 14: Word in Progress," will feature slides from Region 14's hybridizers, including seedlings and named varieties.

This seminar is subsidized by Region 14 and the \$20.00 registration fee covers the cost of lunch, refreshments, and incidental expenses only. You do not have to be a judge to participate. To register, make checks payable to *Region 14, AIS* and mail them to Bryce Williamson, RVP, P. O. Box 972, Campbell, California 95009-0972.

BLODGETT IRIS GARDENS

1008 East Broadway

Waukesha, WI 53186

1993 Introductions

APRICOT FLUSH (A. Blodgett) TB 32" EM. Buttercup yellow (HCC 5/2) with tangerine beards. Closed ruffled standards and flaring ruffled falls. Sdlg. 86-53: (Peach Champagne x Lighted Within) X (Frills x Lighted Within) \$35.00

FULL FASHIONED (A. Blodgett) TB 34" LM. Ruffled full rose pink self with tangerine beards. Large blossoms with heavy substance. Sdlg. 88-72: Coral Satin X (Peach Champagne x Shocking Pink) \$35.00

Order from this ad. No price list.

Please include \$3.00 for postage and shipping.

HAHN'S RAINBOW IRIS GARDEN

200 N. School Street

Desloge, MO 63601

BETTY KNIGHT (S. Stevens '93) TB, 34". The beautiful ruffled form is the keynote of this violet beauty. Two branches and spur. Named for a dear friend who is a charter member and mainstay of the Mineral Area Iris Society in Farmington, MO. ((Lilac Dimples x (After All x sdlg.)) x Ruffled Ballet) X Star Wars. See color ad in this Bulletin \$35.00

RED FRINGE (S. Stevens '93) TB, 35". Ruffled with a definite fringe of lace on the standards and falls—unusual for a red iris. Another unusual trait is that this red iris blooms early to midseason, avoiding most of the hot weather which is so hard on late-blooming reds. It also brings some different genes into the reds and is fertile both ways. (Pink Sleigh x (After All x sdlg.)) X ((Red Raven x Post Time) x Heat Pump). \$30.00

SHIRLEY DUGAL (C. Hahn '93) TB, 30". Medium brown with lighter area in center of falls, yellow flush at hafts, and lavender flush at tip of yellow beards. Well branched with a spur and good bud count, sometimes 11 buds to a stalk. Well liked in Oregon and "done real good" in Garden City, Kansas, this past year. Sib to Caramel and Honey—D. Palmer 2179B X Sheer Poetry. Fertile both ways \$30.00

Catalog \$1.50—deducted from first order

BURCH IRIS GARDEN

205 Knox Drive
Huntsville, AL 35811

ICY RUFFLES—TB. Icy Ruffles is the appropriate descriptive identification for this 4-branched, 7-blossomed iris with an extremely long blooming season, from IB to end of beardless seasons last year. It is a very ruffled white with slightly greenish falls and gold beards
..... \$30.00

POLISHED IMAGE—TB Many, 8-9, pretty blossoms, 3-4 blooming together on 3 branches and spur. Blooms are arranged well away from the stalk and have a very tough substance. Gold erect standards top falls with the same gold in the hafts but with white rays extending from the orange beards \$30.00

BIG VICTORY (90) BB White, gold beards, HM 92 \$ 7.50

DIXIE CLASSIC (89) Brown, orange beards 7.50

ELIZABETH CAROL (86) Red black self, HC 83 2.50

GOING PLACES (89) Red violet self, many blooms 7.50

LARCENIST (89) Pink self, showy stalk 7.50

MAINSTAY (91) BB Pale pink 7.50

MANUSCRIPT (90) Pale red violet 10.00

MISS NELLIE (83) BB S-Yellow, F-Yellow, red, purple
blend HM 85, AM 87, Knowlton Medal 90 3.00

SOOTHING (91) Light lavender self 10.00

STARSTRUCK (90) Ruffled orange self 10.00

*Please include \$5 to partially cover the
expenses of packing and shipping.*

NEW FROM NEW ENGLAND

SUN SPRITE—SDB (L. Burton '93) Sdlg. L87-CR-1. 12"-14" E. Soft yellow (near RHS 10C) with intense yellow (11A) wash on falls. Blue-white beards, yellow in throat. 3 buds. April Anthem X Bibury \$10.00

BILLIE THE BROWNIE—MTB (J. Burton '92). Unusual brown/gold blend with iridescent purple line on falls. 23" HC, EC '91. \$10.00

LUCY G. BURTON

188 Sagamore Street

S. Hamilton, MA 01982



D. STEVE VARNER—ILLINI IRIS

Breeder of Bearded and Siberian Irises, Hems and Peonies

Rt. 3, Box 5A, Monticello, Illinois 61856

Phone (217) 762-3446

New for 1993—All are fertile and distinctive

SUSAN VARNER—TB, 33", EM, (Cup Race X (Leda's Lover x Quiet Kingdom)). Named for our son Eric's charming wife. Wide, heavily ruffled deep light blue with slight lavender tint. \$35.00

KINGLY WHITE—SIB, 30", M, 2 br., 4 buds, (King of Kings X ((Steve x Ausable River) x Ode to Love)). Wide, ruffled white self. \$65.00

Four wide, ruffled TET Hems (daylilies): **GOING HOME, ILLINI DELIGHT, DUKE, PRINCE.**

PREVIOUS SIBERIAN INTRODUCTIONS

ILLINI VALOR (92) Ruffled burgundy wine, blue-purple veins. \$60.00

LITTLE PAPOOSE (92) Jaunty deep red grape intermediate, 20". \$65.00

GREEN EYED QUEEN (91) Bitone, lt. orchid grape with deep purple wash \$60.00

VALLEY OF DELIGHT (91) TET. Ruffled near pink amoena \$65.00

Home of Morgan-Wood Medal winners: **ANN DASCH \$8, DANCE BALLERINA DANCE \$16, KING OF KINGS \$15, TEALWOOD \$8.**

ALSO OF FAVORITES: DEMURE ILLINI \$15, ILLINI DAME \$30, PRECIOUS DOLL \$30, ILLINI RUBY HM '92 \$35.

We invite you to share the beauty of our flowers. Normal Iris peak bloom is May 15 to 25, with lilac and peony seasons overlapping that period. Hem peak is July 10 to 20. Easily reached from Interstates 57, 72 and 74.

TERMS: Cash; minimum mail order \$20.00. Prices NET. Add \$5.00 to **Each** shipment. Foreign customers pay actual cost of air mail plus \$25 for phytosanitary inspection and certificate. Shipments made in order received, bearded iris starting July 5 and Siberians and hems Sept. 5, unless special dates are arranged. Order from this ad or send \$1.00 for our 1992 garden list containing description of our other plants and listing others' Siberians and hems. Satisfaction guaranteed.

INTRODUCTIONS FROM DAVE NISWONGER

- BALLET LESSON** (Niswonger '93) Sdlg. SDB 36-91: Straw Hat X Ballet Slippers. SDB, 12", M. This is the form and substance we have been striving for in the Pink Standard Dwarf Class. The color is a peachy pink with white-based beards tipped pink. No pollen but will set seeds. This is an upgrade for your median collection. The name was selected by Maude Broyles of the Francis Scott Key Iris Society. \$15.00
- FIREPLACE EMBERS** (Niswonger '93) Sdlg. 28-90: Jazzamatazz X Slap bang. SDB, 10", M. Out of the seven dwarf variegatas marked in 1990, this was the brightest and showiest of them all. Viewing them from a distance, this was the one which lit up the mass of color. It's close to an MDB in size if you like the really small ones. Fertile both ways \$15.00
- HALO IN GOLD** (Niswonger '93) Sdlg. 70-89: Halo In Yellow X Peach Band. TB, 36", M. Here is a rich deep gold-haloed variety that performs beautifully with hardiness, good branching and bud count, and distinctiveness you will treasure in your tall bearded collection. It is a good parent and should do well on the show bench \$35.00
- HALO IN ROSEWOOD** (Niswonger '93) Sdlg. 51-89: Minted Halo X Kabaka. TB, 33", M. This is an old rose blend with a pale lilac flush in the falls surrounded by a deep old rose band. The beards are white-based with tangerine tips. This should also do well on the show bench with its superb branching and wide, semi-flaring, ruffled falls. It's fertile both ways and should produce many colors of halos. EC 1990 \$35.00
- LIVE COALS** (Niswonger '93) Sdlg. 65-91: Splash of Red X Jazzamatazz. SDB, 14", M-L. This is a larger plant than Fireplace Embers and has bright yellow standards with a sharp yellow rim around the dark maroon falls. The effect is bright yellow compared to the deep gold of Fireplace Embers. It blooms a little later and is fertile both ways \$15.00
- PRINCE OF BURGUNDY** (Niswonger '93) Sdlg. IB 37-90: Goddess X Chubby Cheeks. IB, 22", M. This cross produced a range of plicatas from pale chartreuse, light blue to deeper blue, purple and maroon. This one is probably the best of the deep burgundies, considering the height and proportion for this class. It may set seed. \$25.00
- RASPBERRY SPLENDOR** (Niswonger '93) Sdlg. 66-89: Matinee Idol X Pink Ballerina. TB, 36", M. A delightful color of raspberry with all the other important traits of branching, form, substance and vigor. The large rhizomes are a delight to dig and plant, usually assuring first-year bloom. Very fertile, making huge seed pods. EC 1992. \$35.00
- SERENDIPITY ELF** (Niswonger '93) Sdlg. SDB 26-90: (20-87: C. Palmer 7259, inv. Wilma V, prob. Knotty Pine, Hit Parade, Cretica and Little Titan, x H. Nichols 8109A) X Adoring Glances. A really exciting color of blended red-violet with more intense coloring around the hafts and a tiny rim of gold around the falls with a hint of it in the stds. The beards are light blue-based tipped with tangerine. Or you could say it's a light fuchsia with an olive rim. Hey, it's hard to describe! SDB, 12", M, and fertile both ways \$15.00

TENNESSEE VOL (Niswonger '93) Sdlg. 71-89: Fresno Flash X 5-79: (Count Down x Marmalade Skies). TB, 33", M. A somewhat tailored brilliant orange of great carrying power. The beards are even more intense than the flower, but the flower has a certain glow that draws you to it. The name was suggested by Hilda Crick, from that great Volunteer State of Tennessee, who is quite a "volunteer" herself. It is fertile both ways and has a hardiness not often found in oranges \$35.00

VIOLET DAWSON (Niswonger '93) Sdlg. 78-89: Echo de France X Tranquil Sunshine. TB, 34", M. If you like pastels, this one is for you. It is a pale yellow bitone or near pale yellow amoena. It has semi-flaring falls and is a vigorous grower. It was the Best Seedling in the SEMO Iris Society's Show in 1991. It is fertile both ways and will provide contrast in your bed of irises. It is named in honor of the President of the National Council of State Garden Clubs, Inc. from Elmhurst, Illinois. EC 1991 \$35.00

YAT ROCK (Niswonger '93) Sdlg. SDB 20-90: SDB 27-87: (Oriental Blush x unknown) X unknown. SDB, 12", M. You say "What a name." I say "What an Iris!" Actually the name comes from a spot on the border of Wales and England near Manmouth where they have re-established the Perigrine Falcon and where there is a beautiful view of the Wye River valley. You will agree that this one is unusual with light violet-blue stds. and pinkish buff falls and white-based tangerine beards. It has nice widely flaring falls with good substance. Fertile \$15.00

DAYLILY INTRODUCTIONS

(Fall Delivery)

BRICKS GALORE (Niswonger '93) TET, Sdlg. 3-89: Scarlock X Charles Johnston, 34", M, Dor, 6½" x 6½", 22 buds. As you might suspect, this is a brick red daylily. I haven't seen any other reds of this color, and it was the only one in 100+ seedlings. It has a yellow throat, is sunfast and fertile both ways. It has a long blooming period and is quite vigorous. \$35.00

RUSSIAN RED (Niswonger '93) TET, Sdlg. 6-89: Scarlock X Charles Johnston, 32", M, Dor., 6½" x 6½", 20 buds. Out of the 17 seedlings marked from this cross, this was probably the best clear red in the cross. It has produced some great seedlings both from the pod and pollen and is an easy grower. \$35.00

SERENITY PRAYER (Niswonger '93) DIP, Sdlg. 18-89: Homeward Bound X Salt Lake City, 32", M, Dor., close to 7" in diameter, Re. This crepey light yellow has a slight streak down the petals and very heavy substance. It is set off by the yellow-gold stamens, but its greatest asset as its reblooming ability which provides a long period of bloom. Fertile both ways \$35.00

Enclose \$4.00 for shipping.

Catalog \$1.00, refundable

CAPE IRIS GARDENS

822 Rodney Vista Blvd.

Cape Girardeau, MO 63701

1993 INTRODUCTIONS

- ORIENTAL PONGEE**—Sdlg. 81-19, TB, 38", M. Lightly laced light to pale orange, yellowish orange on hafts, and slight indication of white radiating from the reddish tangerine beards. Entourage X Chenie \$30.00
- AUTUMN PAGEANT**—Sdlg. 86-6, TB, 38", M. Light brown standards with infusion of yellow and light violet midrib. White ground falls with light brown and yellow halo, darker yellow-brown on shoulders, light yellow-brown edge, and light violet plicata markings. Violet line from tip of yellow-brown beards to edge. Burgundy Brown X Sterling Prince \$30.00
- TRIBUNE**—Sdlg. 84-64T, TB, 37", EM. Yellow to light brown ground standards with light violet midrib and veining. Yellow-white ground falls, light yellow-brown halo, darker yellow-brown on shoulders, light violet plicata markings, and pale violet line from tip of yellow beards to edge. Burgundy Brown X Sterling Prince. HC '92 \$30.00

Add \$3.50 for postage and handling

27 Mary Street

FRANKLIN E. CARR

Bordentown, NJ 08505

GARDEN OF THE EAST WIND

Mel & Lynn Bausch

11530 N. Laguna Drive

Mequon, Wisconsin 53092

- ROSY IMAGE** (L. Bausch '93) MTB 24" M. Tailored greyed red-brown (RHS 178A) with medium yellow at hafts and sporting bright gold beards and style arms. No fragrance. Butternut X Carolyn Rose. \$15.00

Please include \$3.00 for shipping

1993 Introductions

- EARTH SONG**—TB 35-36" E-M. Ruffled and semi-flaring bicolor. Yellow standards and violet-blue falls, edged paler violet-blue; yellow beards. Four branches plus spur, 10 blooms. Edith Wolford X Helen Wanner \$30.00
- O'SO PRETTY**—TB 31-32" E-L. Nicely ruffled icy white with falls bordered deep lilac; lilac beards. Eight blooms on 4-way branched stalks. Sultry Miss X ((Actress x Cozy Carol) x Rosabelle V) \$30.00
- Also—**BRONZETTE STAR** '92. Lovely ruffled rusty brown with bright golden-orange blaze on falls surrounding orange-gold beards. \$22.00

Please include \$3.00 for shipping

MRS. GRANT D. (EVELYN) KEGERISE

501 Pennsylvania Avenue, Reading, PA 19605

COTTAGE GARDENS

11314 Randolph Road

Wilton, CA 95693

Presents the Following 1993 TB Introductions

- BELLS ARE RINGING** (McWhirter) 33", M. Heavily ruffled deep sky blue with self beards tipped white. Compact flowers displayed on near-perfect stalks with typically three open blooms \$35.00
- BLUE SPARKLER** (Steinhauer) 38", M-L. Diamond-dusted amoena of cool white and light blue, touched paler below white-tipped, light yellow beards. \$35.00
- BOSS TWEED** (McWhirter) 38", M. This iris, simply put, is THE BOSS! This ruffled honey brown with its tweed contours and white area below the gold beards demands boss-like attention \$35.00
- BOXWINK'S GOLDEN DREAM** (Steinhauer) 36", M-L. A very different shade of yellow with slightly darker yellow beards. The sharp, crisp colors and heavily subenced blossoms show well on sturdy stalks \$35.00
- BUSY SIGNAL** (Lauer) 36", M. Brownish red standards with darker velvety falls. Gold plicata markings around bright gold beards set off this unusual beauty. Ruffles and lots of substance. There are no hang-ups on this busy signal \$35.00
- LIFE OF RILEY** (McWhirter) 36", M. With apricot-peach standards topping mauve dusty-rose falls set off by bright tangerine beards, the good mood created by this iris will ensure your garden lives the LIFE OF RILEY each and every Spring. See color centerfold ad this issue \$35.00
- MADAME BOVARY** (Lauer) 36", ML-L. We believe this iris succeeds in capturing the essence of its namesake borrowed from Flaubert's world literary classic. Ruffled and laced pale orchid-pink blend enhanced by yellow beards tipped orchid \$35.00
- MOJAVE** (B. Brown) 36", M. A desert beauty! Standards are muted yellow, falls are brownish green, and beards are lavender-toned. Subdued lavender tones released throughout the beautifully formed blossoms heighten the desert effect \$35.00
- PACIFIC DESTINY** (Lauer) 34", E-M. Heavily ruffled mid sky blue blossoms with heavy substance, creating a classic sculpted effect \$35.00
- PINK STARLET** (Wood) 36", M. This starlet is bound for stardom. Lovely, laced and heavily ruffled medium deep pink beauty from Vern's favorite breeding lines; tangerine beards. See color ad in the January '93 Bulletin. ... \$35.00
- SKY LIFT** (J. Browne) 36" M. Exotic pale blue with hint of green. First seen at '89 AIS convention in Memphis, where it was blooming beautifully as a seedling in the garden of Jim's parents. It caught our attention and that of numerous AIS judges. A most notable addition to the blue-white, pale blue color class. \$35.00
- STAIRWAY TO HEAVEN** (Lauer) 40" EM-M. Striking near-amoena with beautiful wave-like ruffling and excellent garden habits. Slightly off-white cream standards and medium blue falls with lavender undertones \$35.00

FOR COMPLETE DESCRIPTIONS OF THESE INTRODUCTIONS AND A COMPREHENSIVE LISTING OF 1,150 TALL BEARDED AND MEDIAN IRISES, PLEASE SEND FOR FREE CATALOG.

Phone: (415) 387-7145
or (916) 687-6134

1993 IRISES FOR SALE

(And a Few Older Ones)

BOUQUET MAGIC (J. & V. Craig '93) TB, 30", E. A flower arranger's delight with slender candelabra-branched stalks which carry 6-8 buds. The ruffled, flaring blooms are only 4 inches wide and 3½" high—small enough for a decorative design of reasonable size for the average home. Light blue standards surmount velvety maroon-purple falls which shade to lilac on the border. Dark yellow beards and sweet fragrance. Classy! Payoff X Takeoff \$25.00

SAILING FREE (J. & V. Craig '93) IB, 23", E. A very clean blue bitone with pale blue standards and medium blue falls. The light yellow beards are light blue at the end. Three-branched stalks carry up to 7 buds. The wide petals are lightly ruffled. Light sweet fragrance. Payoff X Takeoff sib. \$15.00

TIE DYED TYKE (J. & V. Craig '93) IB, 21", EM & mid-summer. Blended tones of blue with standards lighter than falls. Petals are darkest near the midribs and in the heart of the flower. Light bronzy yellow beards. Stalks 2-3 branched with spur and up to 6 buds. Sweet fragrance. Unique and showy. (((Enroute x unknown) x unknown) x (Sacred Mountain x I. aphylla)) X ((Light Fantastic x I. aphylla) x (Starchild x (Sacred Mountain x I. aphylla))) \$15.00

RAVE REVIEW (J. & V. Craig '92) MTB, 23", E. A ruffled and flaring light lavender with faint white haft markings and light pinkish red beards. Well branched with good bud count and slight sweet fragrance. Truly a modern miniature. \$12.50

IRIS AND COLLECTIBLES

Jim & Vicki Craig
16325 S.W. 113th Ave.
Tigard, OR 97224
Phone: (503) 639-8009

Include \$3.50 per order for shipping costs. Send first-class postage for a more complete price list.

D & J GARDENS

Duane & Joyce Meek

7872 Howell Prairie Road, N.E.

(503) 873-7603

Silverton, OR 97381

1993 INTRODUCTIONS

CHAMPAGNE GIRL (D. Meek) Sdlg. 611-7-2, TB, E-M, 36". White stds. with slight pink flush at midrib; deep pink falls; tangerine beards. All petal edges ruffled and slightly picoteed. 3 br. + term., 7-8 buds. Infinite Grace X (Corduroy and Lace x Snowline) \$35.00

CHIC (D. Meek) Sdlg. 395-1-6, TB, E-M, 35". Ruffled medium pink self including beards. (Named for our sister and pronounced Chick). 4 br. + term., 7-9 buds. Anna Belle Babson X Cold Cold Heart sib. \$30.00

DREAM FEVER (D. Meek) Sdlg. 216-1-3, TB, M-L, 35". Std. mauve with pale golden flush; white falls with a suggestion of mauve and yellow underside. With the ruffled edge, it gives the appearance of having a narrow yellow border around the falls. Heavy substance. Mustard and mauve beards. 4 br. and 7-8 buds. Chartreuse Ruffles X Trudy. \$30.00

HEATHER'S SONG (J. Meek) Sdlg. 391-1-3, TB, M-L, 31". Wide, ruffled bitone with pink-orchid stds. flushed deeper at midrib. Falls are deep orchid with a light area around the coral beards. 4-5 br., 7-8 buds. Candace X Janie Meek. \$25.00

JO PETE (D. Meek) Sdlg. 63-1-6, TB, M-L, 34". A ruffled glistening white with a touch of yellow in the beards. (Named for our little sister). 4-5 br., 8-10 buds. D. Denney 81-47-1 X White Linen \$30.00

LOVING (J. Meek) Sdlg. 270-2-6, TB, M, 30". Closed peach-pink stds.; peach falls with large ivory area around the tangerine beards. Lovely form and heavily ruffled. 4 br., 6-7 buds. Tamara Anne X Paradise. \$25.00

NIGHT VISION (D. Meek) Sdlg. 723-1-1, TB, M-L, 36". Wide red-black bitone with light stds. and very dark red-black falls with black beards tipped bronze. 4-5 br., 8-10 buds. Deep Fire X Cherry Smoke. \$30.00

TEMPTING FATE (D. Meek) Sdlg. 327-1-5, TB, M-L, 36". Almost a black amoena with closed blue-white stds. flushed deeper at midrib. Wide black-purple falls with a small ray pattern at tip of violet beards, tipped bronze. 4-5 br., 6-7 buds. (Premonition x Pacific Shores) X Graduation \$35.00

We hope you will like our new introductions. Again, we tried to choose for every taste. If you order from this ad, please add \$4.00 for shipping. (UPS has gone up).

We are also proud to be introducing the irises of KEITH KEPPEL and JOE GATTY this season (see our ad on the opposite page), and we're looking forward to our new neighbors, KEITH and KAY.

If you aren't on our mailing list and would like a catalog, please send two first-class stamps. Wishing you good health and joy throughout the year.

1993 KEPPEL AND GATTY INTRODUCTIONS

- FILM FESTIVAL** (Keppel) TB EM 35" (Rustler X (Gigolo x Queen in Calico)) Blended rose, raspberry and strong raspberry carmine plicata, with creamy salmon-buff ground. Beards burnt orange to tomato red. #84-66A \$35.00
- FLIGHTS OF FANCY** (Keppel) TB EM 36" (82-45A: (Gigolo sib x Rosy Cloud sib) X (inv. Irma Melrose, Tea Apron, Full Circle, Rococo, April Melody, Joy Ride, Roundup, Mistress, Peccadillo sib x 82-45A)) Bicolor luminata! Oyster cream with falls overlaid rosy orchid, paler luminata veining. Flame tangerine beards. #86-6A. \$35.00
- FROSTING** (Gatty) TB ML 36" ((Pretty Lady x ((Louise Watts x Loudoun Charmer) x Playgirl)) X Presence) Glistening icy lilac white with pastel lilac pink shadings. Beards soft pinkish orange to white. Vigorous. #T23-3A \$35.00
- IN REVERSE** (Gatty) TB EM 36" (Edge of Winter X Swirling Seas) Great contrast! Columbine blue standards, palest blue falls fading to white. Ruffled flowers on strong stalks. #S29-1 \$35.00
- STAR FLEET** (Keppel) TB ML 38" (inv. Arctic Flame, Rippling Waters, Gypsy Lullaby, Touche, Marquesan Skies, Babbling Brook, Firewater, Morning Breeze, Intuition, B. Jones sdls. X (Orangerie x Lady Friend)) Shadowy mulberry violet, falls slightly bluer, with rosy brown on shoulders. Blazing tomato red beards. Ruffled and well branched. #86-32A \$35.00
- WHITE HEAT** (Keppel) TB ML 33" ((Old Flame x (Marmalade sib x Bride's Halo)) X (Orangerie x Precious Moments)) Clean white with shocking bright mandarin red beards. Heavily ruffled, with very uniform, neat growth. #85-57A \$35.00
- RINKY- DINK** (Keppel) BB ML 25" (Gigolo X Change of Heart sib) Rosy buff standards shaded orchid; peach buff falls with finely dotted wash and almost solid coronation purple edge. Beards tile red, tipped purple. #82-13N \$20.00
- DARK RINGS** (Gatty) SDB EM 13" (Chubby Cheeks X Toy Clown sib) Neat blue purple (roslyn blue) and white plicata with wide Chubby Cheeks form. #W37-8 \$10.00
- MOTTO** (Gatty) SDB EM 12" (Dark Rings sib) Precisely patterned gentian blue banding on white. Beards pale blue at tip. #W37-6. \$10.00
- QUOTE** (Gatty) SDB ML 12" (Dark Rings sib) Standards pale greenish yellow with plum-tan border; falls oyster to marguerite with honey brown to khaki border. #W37-13 \$10.00

See color ad on inside back cover.

These introductions are available in 1993 from . . .

D & J GARDENS

7872 Howell Prairie Road, NE

Silverton, OR 97381

Please add \$4.00 for shipping.



3365 Northaven Road
Dallas, Texas 75229
(214) 352-2191

1993 INTRODUCTIONS

- ACAPULCO SUNSET** (H. Nichols) TB 36" M-L. A very beautiful dark yellow self with orange-red beards. Very ruffled with show stalk branching. Fertile both ways. (Academy Awards X Flaming Victory). Producing fine seedlings. \$35.00
- BALCH SPRINGS** (H. Nichols) TB 36" M-L. A well branched and ruffled medium blue neglecta. Fertile both ways. (Sea of Galilee X Titan's Glory) . . . \$25.00
- BOOGIE WOOGIE** (H. Nichols) TB 36" M-L. The already well known and admired lady makes her debut. Best described as a fancy neglecta with charm beyond belief. The winner of numerous Best Seedling of Show awards and destined for glory! A touch of lace at times adds something special. Pod fertile. (Diddler X Song of Spring). One of the most fragrant irises in the garden. . . . \$35.00
- CHEERFUL ANGEL** (H. Nichols) SDB 12" E-M. Ruffled flowers have pale creamy yellow standards with darker midribs, falls same with a darker halo. Orange and creamy yellow beards. ((Cotton Blossom x C. Palmer 7259) X (Sapphire Jewel x Veiled Sunshine)). While not a rebloomer itself, many of its seedlings have been rebloomers . . . \$10.00
- ENTERTAINMENT** (H. Nichols) TB 36" E-L. Ruffled flowers are white with yellow hafts and gold-orange beards. Well branched. (Lemon Punch X Oklahoma Sunshine) . . . \$35.00
- GLORIOUS DAY** (H. Nichols) IB & RE 18". Standards are medium dresden yellow and the falls are lighted with white blending below the gold and white beards. A sister to the popular Helga's Hat but without horns. (Bridal Ballad X Sky Hooks) . . . \$15.00
- MASTER SLEUTH** (H. Nichols) IB 18" E-L. Ruffled white ground standards blended violet and slightly stitched blue-violet. Broad white ground falls are marbled blue-violet with a lighter area around the blue beards. Very lovely. (Court Magician X Premonition) . . . \$15.00
- NEON TROLL** (H. Nichols) IB 18" E-L. A rather tailored flower but a real knockout. Best described as a neon dark yellow bitone with real class! Gold beards. A fine sibling to Apollo's Touch. (Academy Awards X Marmalade Skies) . . . \$15.00
- ROYAL GOSSIP** (H. Nichols) IB 18" M-L. Ruffled flowers have nearly solid dark violet standards with a few white flecks at midribs, the falls are the same with white centers. An indigo blue line extends below the blue tipped brown beards. A stunning new creation which has received rave reviews. (Broadway X Court Magician) . . . \$15.00

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1993 INTRODUCTIONS FOR MY SIXTH YEAR IN OREGON

BORN TO EXCEED (R. Nelson '93) TB, 36". Excitement in an icy light lavender and deeper lavender-blue bitone with orange beards tipped lavender. Beautiful form, diamond dust finish and the heaviest substance ever in this color range. Vigor and 7-9 buds. Metropolitan raised to a new level of quality. \$35.00

INDULGE (R. Nelson '93). TB, 32". Frothy, laced and ruffled smoky orchid with strong wine brown thumbprints and a blue haze below the bright gold-orange beards. Strong grower and reliable bloomer with 7-9 buds. \$35.00

MONDAY-MONDAY (R. Nelson '93). TB, 29". Short of stature but strong in color, form, branching and vigor. A bright, deep lavender-blue with healthy blue-green foliage—all the ruffles, too \$35.00

SEMINOLE SPRING (R. Nelson '93). TB, 38". The misty lavender-blue mornings of the Everglades! Chiseled form, strong stalks, healthy plants and pretty lavender-white beards. Of course, 7-9 buds. A good parent in it's early use! \$35.00

★ ★ ★ WANTED ★ ★ ★

I am seeking the following TB irises: **BIG SMOKY** (R. Thomas '72), **MOUNTAIN HIGH** (Moldovan '70), **MAIDEN VOYAGE** (Barrere '69), **ACT I** (Newhard '73), **THEATRE ARTS** (Spence '70), **HIGH BID** (Neubert '72), **IVORY FLUTE** (R. Brown '69), **HARMONY HOUSE** (Marsh '65), **GRANT GORDON** (Muhlestein '77), **KING'S PICK** (Sellman '75), **VIBRANT SPLENDOR** (H. Mohr '75), **SMALL TALK** (Sexton '63), **TANGERINE TANGO** (Sheaff '68).



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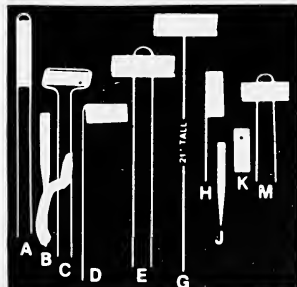
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THE IRIS POND

7311 Churchill Rd., McLean, VA 22101

In Greek legend, Admetus, king of Thessalian Pherae, was saved from early death when his wife Alcestis consented to die in his place. The story was immortalized in the play "Alcestis" by Euripides. In the world of irises, ADMETUS and ABRACO are the most recent Japanese iris creations of Sterling Innerst, which The Iris Pond introduces this year.

ADMETUS (Innerst '93). Sdlg. 3045-5, Japanese, M, 6 falls, 2 branches, 6 buds. White with bright rosy near red centers, which bleed and lighten as the color progresses toward the edge of the flowers. Very lovely and elegant, you will win Queen of Show with this one.
.....\$35.00

ABRACO (Innerst '93). Sdlg. 2812- 2, Japanese, M, 6 falls, 2 branches, 5 buds. Red-violet stripes and dots, mingled with blue, over white ground. Small quarter inch rim of blue all around petals. This red-violet-blue-white beauty is a knockout! 35.00

Also being introduced in the U.S. in 1993

SHIRASAGI (Japanese import registered by Mahan '93). Laevigata, M, 28", 6 falls, white with pale yellow ridges; white style arms with violet centers; white anthers with violet spot just below filament; very slight fragrance. Identified as authentic by A. Horinaka. Widely grown for commerce in Japan and very similar to **YAGURUMA** \$30.00

Hirao irises introduced by Society for Japanese Irises in 1992

BRIDGE OF DREAMS (Hirao '92). Sdlg. SH-3, M, 32", 3 falls. Absolutely stunning Japanese iris with superb color contrast. Standards purple with darker veins and small *white rims*! Falls white with a blue halo and heavy blue-violet sanding and veining. There is a dashing center streak of blue violet also. Talk about "dreamy" irises! Wow! \$30.00

RYUKO HIRAO (Hirao '92). Sdlg. SH-8, M, 39", 3 falls. Distinctive and outstanding new white single Japanese iris! Standards are uniquely cupped, styles are creamy white and the yellow signals have a greenish cast. There is a conspicuous center ridge that bleeds into the falls, which are covered with diamond dust! Named for Dr. Hirao's widow by SJI \$30.00

SHINING PRINCE (Hirao '92). Sdlg. SH-24, Japanese, M, 37", 6 falls. In Japanese classical literature the "shining prince" is Genji, hero of Lady Murasaki's *The Tale of Genji*. Only an iris of grandeur and great beauty could bear such a name! Deep violet color with shining blue halo and white veins "washed" blue. White styles for additional contrast \$30.00

Order from this ad or send \$1.00 for price list with extensive offerings and specials.

JOE PYE WEED'S GARDEN

Marty Schafer and Jan Sacks

337 Acton Street
Carlisle, MA 01741

1993 INTRODUCTIONS:

BRIDAL JIG—SIBERIAN. Schafer/Sacks (Seedling No. S86-45-1), 35", M. This pure white flower with a small crescent shaped deep yellow signal has full round falls which hang like a bridal gown in heavy soft ruffles. But this bride knows how to kick up her heels—the plant is vigorous and forms a beautiful airy clump with well branched stems holding the flowers high above the foliage. (Sky Mirror x George Henry) X Creme Chantilly \$30.00

MARGINAL WAY—MTB. Bob Sobek (Seedling No. 84MT11C), 25", M. Named for a path along the cliffs on the Maine Coast, this MTB has violet standards and deep pansy purple falls. The most significant feature is a double ring on the edge of the falls. The outer ring is a wire edge of deep pansy purple and the inner is a wider violet "path," the color of the standards. Lemon tipped white beard. Consummation X Carolyn Rose \$15.00

MAR-JAN—VERSICOLOR. Harry Bishop (Seedling No. SI-B-U-10-E), 26", M. The best wine-red versicolor yet! The smoothness of the color of both standards and falls is unique and is enhanced by neat round white signals veined deep red. The stylearms are pearly white with a wine-red central stripe, much darker in the heart and fading towards the curly crests. I. versicolor "Kermesiana" X unknown \$25.00

Prices include postage

Send for complete list and descriptions

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OHIO GARDENS

Featuring Miniature Tall Bearded Iris introductions for 1993 of **Mary Louise Dunderman** and **W. Terry Varner**

LITTLE CROWN (Dunderman, R., '91) Sdlg. HH396. MTB 21" (54 cm). M. Orange standards and bright red-orange falls. Signal orange with orange beards. 11 buds, flower 2½" x 3". Excellent branching \$15.00

THERAPY (Varner, '93) Sdlg. S-340. MTB 18" (46 cm) E-M. Medium lavender self with tightly closed standards. Falls are wide and flaring with white area around yellow beards. 8-9 buds. Excellent branching. Slight fragrance \$15.00

When ordering from this ad please add \$3.00 postage and handling. Miniature Tall Bearded and Bearded Species Catalog available for \$1.00.

Catalog filled with helpful hints on growing and hybridizing iris.

102 Laramie Road

Marietta, OH 45750



**SMALL and TALL IRISES from
EVELYN and BENNETT C. JONES**

5635 S.W. Boundary Street
Portland, Oregon 97221

INTRODUCTIONS FOR 1993

TOOTH FAIRY (B. Jones) MDB, 7". Sdlg. 440-1. (415: Solar Flight x (Roberts 65R11 x (pink IB x Blazek))) x Orange Tiger) X Orange Tiger. Probably no larger than the real tooth fairy, this little one offers white standards in the shape of a cathedral dome and flaring falls of intense pumpkin orange, neatly banded white. Carrot red beards. Near perfect form and overall plant balance. Really neat! \$10.00

DESERT ORANGE (B. Jones) SDB, 12". Sdlg. 451R. (415: (Solar Flight x 304: Roberts 65R11 x (pink IB x Blazek))) x Pumpkin Center) X Orange Dazzler. Continuing our work with orange SDBs, this one is the deepest in color to date and is named for the coral-influenced orange tones of our western desert sunsets. The flowers are tailored, and their standards are closed. The falls are nearly horizontal, of beautiful color and topped with red beards. Vigorous \$10.00

SNOW SEASON (Evelyn Jones) SDB, 13". Sdlg. I89-24-4. Lankow 7B45-3-2: ((pink TB sdlg. x Yellow Dresden) x Miss Nellie) X Blue Line sib. Evelyn's first SDB and a beauty it is. Note the pedigree. It ought to have real potential for the hybridizer. A white self. Standards are slightly open and ruffled. Big, round and ruffled falls are crowned with wide, bushy beards of very pale lilac influenced pink. A heavy bloomer \$10.00

SUNSHINE SALLY (B. Jones) SDB, 12". Sdlg. 458-8. (396: ((Miss Oklahoma x (Blue Pools x Wink)) x Oregold) x Love Shine) X 426: (396 x sib). Forever fond of yellow irises, this happy little lass is a yellow bitone of perky tall bearded form. It became a pet upon first bloom. Domed and closed standards are light lemon yellow. Falls are chrome yellow, edged lemon yellow. Large bushy beards of white lend just the right touch. \$10.00

BOLD STROKE (Evelyn Jones) IB, 24". Sdlg. I88-1-1. Blue Line X Codicil. Best seedling at Portland early show 1992. Bold Stroke is French blue with bold blue-black beards wide enough to appear as black interiors beneath the blue style arms. A striking color combination. Cupped standards curve inward at their tips, and falls are flaring ... \$15.00

*Shipment, via United Parcel Service, will begin after July 15.
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Please add \$3.00 for postage and packing.



P.O. Box 19
Boulder, CO 80306

—Colorado Creations for 1993—

Tall Bearded

AMHERST COLORS (John Durrance) Sdlg. D89-1, 35", ML. Lightly ruffled blue-purple self. Blue Maxx X Bubbling Over \$25.00

BORDER RUFFIAN (Ray Lyons) Sdlg. 79-6-2, 28-30", M-L. "My attempt to put lace and ruffles on a red iris was a success. Allura, the pod parent, gave the heavy lace and good ruffles. Royal Trumpeter provided the dark red-brown color and fine bronze beards. It outgrew its '89 registration as a BB, which was corrected in '91 to TB." \$25.00

CUSS A'BLUE STREAK (David Miller) Sdlg. DM85-5A. This silver-white with blue-green cast (RHS 157B) has a very light blue stripe extending from the light silver blue beards to tip of falls. You'll appreciate the 7+ buds, thick 34" stalks, heavy substance and good branching. EC's 1989 & 1991. Song of Norway X Lorilee \$25.00

IT HAPPENS (John Durrance) 32", M. From spilled seed. It looks as if more than the seed was mixed up! Creamy light yellow ground is overlaid with streaks of red, purple and brown. Some say it looks like . . . , but beauty is in the eye of the beholder. You be the judge. Bonus plant when you order any other Durrance 1993 introduction.

LACY PRIMROSE (Joseph Hoage) Sdlg. H87-74-1, M-L. Yellow and gold frills—a short description of this exciting addition to the Spring bloom season. Standards and falls are primrose yellow with darker yellow edges. Ruffled and laced with burnt orange beards. 7-9 buds on 34" stalks. Ruffles Supreme X Bride's Halo. HC 1992 \$30.00

MULBERRY INN (David Miller) Sdlg. DM85-1C. A dark plicata sure to whet your appetite with the standards a dark mulberry (RHS 77A). White ground falls with 1/2" band of standard color, but slightly more intense. This is all accented with antique bronze-orange beards. 7 buds and adequate branching. EC 1991 (Best Seedling at Region 20 Show). Roundup X Crinoline \$25.00

OPAL'S LEGACY (Joseph Hoage) Sdlg. H85-17-1. From a guest seedling sent by Opal Brown, this lavender self with tangerine beards resulted from a cross with Pink Bubbles (sib to Beverly Sills). Well-formed buds adorn 33" stalks with 7-9 buds (one magnificent stalk had 14 buds). The ruffled and laced flowers fade from their initial light lavender to pale lavender. Pink Bubbles X Coral Flush \$30.00

PLUM BEAUTY (Ray Lyons) Sdlg. 80-3-4, 34", M-L. Bright plum self, finely laced and heavily ruffled, sporting rich tangerine beards. Its heritage is of Anon and Pink Sleigh \$30.00

SABBATH SUNSET (Ruth Goebel) 36", M. One of those all around good garden irises. Clear barium yellow standards (near RHS 10B). Ruby red (near 61A) falls with gold beards. Ruffled and fragrant. The 6-9 buds bloom for an extended period. Good parent. Black Swan X Margarita \$25.00

SMIFF-SMIFF (John Durrance) Sdlg. D9092, 34", ML, 8-12 buds. Light blue self with a very pleasant bubble-gum fragrance. Shoop 79-44-1 X Monarch's Robe ... \$30.00

Minature Tall Bearded

TAN CHEEKS (John Durrance) Sdlg. D89-17, 26", EM, tetraploid. Lovely tawny apricot self with slightly hennaed beards. A nice table iris with contemporary flower form. Eastertime X Speculator \$20.00

Intermediate Bearded

MISS SEDONA (Tom Magee) 27", M. Southwest of Flagstaff, Arizona, a Red Rock Country self of reddish sandstone, monoliths, sculptured spires, bastions and cliffs. Taliesin West desert red. Garden Frock sib X Shrimp. Please see color ad on page 62 \$15.00

Standard Dwarf Bearded

AMBER AMBUSH (Mary Ann Heacock) 13", E-M. Slightly open standards are deep tangerine-pink; self style arms with some magenta rose shading. Deep tangerine-pink falls with some magenta veining on hafts; tangerine beards. One branch plus terminal with 4 and sometimes 5 buds. ((Cretica sdlg. x pink TB) X (Lenna M x H60-8)) X ((Pink Cushion x H60-8) x (Lenna M X H60-8)) \$10.00

TICO TACO (Tom Magee) 15", L. Southwest to the border tortillarias—fried corn tortilla petals, golden corn styles, picante sauce beards. Visa X Dixie Pixie. Please see color ad on page 62 \$12.00

VERY CANARY (Ruth Goebel) 9", M. Light yellow flowers (near RHS 5C) with white-tipped gold beards. Slight fragrance. Flowers a bit oversized, but it produces mounds of yellow which last and last. O. T. Baker sdlg. X Chinese Coral \$10.00

You may order directly from this ad. Please include \$3.00 for shipping and take a 10% discount if your order totals more than \$50.00. If you would like a copy of our free catalog, please let us know.

Please come visit during our blooming season (late May and early June). In addition to all these fine Colorado creations, we're delighted to be the site of the Region 20 Tall Bearded Display Garden, this year featuring over 225 '91 and '92 introductions from more than 60 hybridizers outside of Colorado.



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Arilbreds come in a wide variety of exotic patterns and colors, as well as forms and sizes. Each sampler will consist of labeled, named varieties, and (unless you request otherwise) will include at least one variety from each of the following groups: near-arils, halfbreds, quarterbreds. Send any amount (\$15, \$30, or more), and we'll select iris that have a catalog value of at least three times that amount. Please add \$3.00 for shipping.

Or send \$1.00 for Catalog, refundable on first order.
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Fairacres, NM 88033

M.A.D. IRIS GARDEN

Bob and Mary Dunn

4828 Jela Way

No. Highlands, CA 95660

Phone (916) 482-0562

1993 INTRODUCTIONS

The first from Ron Mullin and others from Bob and Mary Dunn

RHONDA FLEMING (Mullin) TB, 34-35", LM, Sdlg. 84-7X: Go Around X Laced Cotton. Broad, ruffled petals with narrow, solid band of soft lilac. Beards are white, and styles are deeper lilac. HC '92 and EC '91 and '92 as Best Seedling. Picture on inside back cover of January '93 Bulletin is inaccurate. Light lace and good substance and branching. Named for Ron's friend and favorite movie star for 43 years \$35.00

BALOO (M. Dunn) Tall and well branched with many wide, ruffled sky blue flowers. True light blue here, very consistent. Matching beards change to white with age. Midseason, 38". Precious Moments X Crystalyne \$35.00

FREESTYLE (M. Dunn) A bright magenta-fuchsia and white plicata, this could be more of a banded flower. White with heavy magenta-fuchsia band on both standards and falls with slight plicata lines at edge of petals. Wide and ruffled with heavy substance; matching beards. Midseason, 36". Galore X Brilliant Excuse \$35.00

KAMORA (M. Dunn) Garnet rose over coppery self. Large and showy. Heavy copper area at shoulders, copper beards. Tall, sunfast copper here; well branched with many flowers, good substance and form. Late, 38". California Classic X Spring Fling \$35.00

LEGIONARY (R. Dunn) Another blue and violet from Bob—a stunner we feel! Blue, blue standards. Blue-violet falls with a very noticeable red cast. Almost a blue bicolor. Tall and wide with heavy substance. Midseason, 37". (Bubbling Over x Blue Maxx) X Crystalyne \$35.00

MY LINE (M. Dunn) Deep velvety violet with large white zone around matching light beards. Large white zone on standards; dark styles. Wide and ruffled with heavy substance and great branching. Midseason, 36". Premonition sib X Fancy Face \$35.00

TANGUERAY (M. Dunn) Large ivory-cream and chartreuse. Wide, ruffled and frilly self. Chartreuse hafts and edge, giving a very green effect. Good branching, heavy substance and ruffles. A show-off at the Region 14 spring meeting. Midseason, 36". Crystalyne X Precious Moments \$35.00

Please order from this ad. Add \$4.00 for postage and handling. California residents add the appropriate sales tax. Previous introductions are also available. Ask for price list. Shipping July through September 6.

At the end of the season, we sometimes have many extras of our previous introductions. If interested, please ask for price on 1-3-5 rhizomes. Stock may not be large, but good for replant. No extra stock until after last shipping date.

BEARDED IRISES from LYNN & PETER MARKHAM

61 Upland Avenue—P.O. Box 154
Lunenburg, Massachusetts 01462

Tel. (508) 582-6445

Featuring Border Bearded on purpose—and other nice things!

As several BBs wait in the wings, we're proud to offer two very nice "other things"—a squeaky clean pink intermediate by Carl Boswell, selected by Barbara Schmieder, and a classic arilbred median from New England's arilbred pioneer, Fred Gadd.

INVASION IN PINK

(Boswell/Schmieder 1993)—IB—18-20"—EM. Boswell sdlg. #84-79-I. (Complex seedling lines involving Buffy, April Melody, Yum-Yum, Campus Flirt, Java Dove, Java Charm, Palisades and Little Lynn) X Pink Cushion. The cleanest light, true pink, shaded very slightly deeper at hafts and edges of falls, with harmonizing beards in a more intense red-pink. A tailored flower with domed and closed standards and well held semi-flaring falls, it looks delicate but holds both shape and color for days. 2 branches, up to 5 buds. A landscaper's dream of an iris, quickly forming huge clumps with dozens of bloomstalks and creating a mass display in the truest pink color we've seen in this class. In the Schmieder garden in 1992, it had 47 stalks on a three year plant, with plenty of increase left over, and was threatening to annihilate the adjacent penstemon—hence the nickname hung on it by garden visitors—"Pink Weed!" No weed for quality, though—HC 1992 with 9 votes .. \$15.00

*NOTE: By agreement of the breeder, the selector and the introducer, net proceeds of sales of Invasion in Pink in 1993 will be donated to the Median Iris Society.

PATRIOT'S GEM

(Gadd 1993)—AB-MED—18"—EM. Sdlg. #1A-84. Lady X Vindaloo. A self of wonderfully subtle color which could be described as bluebird blue or soft soldier blue, accented by darker shadings in the midribs and style arms, with edges of all parts highlighted in pale gold; beards of palest blue with each hair tipped gold. Classic form just slightly suggestive of its aril heritage; fine substance and finish; 2 branches, 4 buds. A fine grower and generous bloomer, with exceptionally clean green foliage which persists even in the heat and drought of a New England August. This has been attracting favorable attention for several years, receiving an HC under seedling number in 1988 and another under name in 1992, with 7 votes. \$20.00

Previous Introductions:

SUNSPINNER

(L. Markham 1991)—BB—26"—EM. Crisply flaring and ruffled bright yellow self with a lighter area surrounding thick yellow-orange beards. Sheaff 62-21X: BB sib to Pearl Kemp X Tulare. HC 1990 \$12.00

WETHERSFIELD RED

(Gadd 1988)—TB—30"—M. A well-formed, lightly ruffled flower in wonderful deep burgundy red, enhanced by burnished bronze beards. Garnet Sport X Spartan \$6.00

TERMS: Cash with order. Shipping charges: Please add \$3.00 per order for U.S. Postal Service Priority Mail or \$5.00 per order for UPS Second Day Air shipment.

MESSICK GARDEN
200 Pine Creek Road
Walnut Creek, CA
94598



INTRODUCTIONS
by
Virginia Messick

VOLTAGE '93—TB 37", Edna's Wish X Black Hills Gold (M87-69). Shocking bright orange with jolts of flame orange beards; otherwise, a smooth orange self. Nicely ruffled on very broad falls. Good comments from '92 AIS Convention. Slight fragrance. \$30.00

ART NOUVEAU '92—TB 38", Lorilee X Gaulther sdlg. (M86-6). Deep rose pink, perfect branching and classic form. Combines the best of two famous hybridizers. Excellent substance gives a long period of bloom. Nice fragrance. EC '91 \$20.00

FUTURE WORLD '92—TB, 36", Up Periscope X Winterscape (M87-42). Icy blue standards over white falls with blue beards. Flowers are extremely well formed—one of the most ruffled in the garden. Excellent substance. \$20.00

★ ★ ★ SDBs ★ ★ ★

ALADDIN'S FLAME '93—SDB 14", Hushpuppy X (Toy x Mandy) (M88-128). Picture a small brass lamp lit by deep blue flames. Emphasis on form which is very flaring and nicely ruffled. \$12.50

RUSTY NAIL '93—SDB 11", Sherlock X Inflamed (M89-16). Chosen for its broad, rounded form and interesting "pie crust" ruffling. Standards are gold, falls rusty brown, both ruffled. Good substance and prolific bloomer \$12.50

Generous Extras. Add \$3.00 for postage.



Mid-America
IRIS Garden

3409 N. Geraldine
Oklahoma City, OK
73112-2806

1993 INTRODUCTIONS
of Paul Black

BOY NEXT DOOR	Sdlg. 88185C, 36" TB - Caramel stds & band around violet falls; old gold beards & violet horns. ... \$35.00
BRIGHT 'N BREEZY	Sdlg. 89U18, 34" TB - Yellow stds; blue falls blending to grey edges; mustard beards. \$35.00
FRENCH FASHION	Sdlg. 8826B, 35" TB - Smokey mauve orchid blend with burnt orange beards. \$35.00
GOLDKIST	Sdlg. 89162A, 36" TB - White w/ purple veins between bright yellow haft edges & beards. \$35.00
PINK FLAMINGOS	Sdlg. 879A, 34" TB - Pink stds & red pink F with coral pink beards. Free with \$50.00 order.
STREET VENDOR	Sdlg. 89U20, 34" TB - Wine to bright red purple bitone with brown hafts; old gold beards. \$35.00
FIZZGIG	Sdlg. 89221F, 6" MDB - Ivory ground w/ ginger brown dotting overall; violet beards. \$12.00
NURSE NANCY	Sdlg. 90189A, 14" SDB - Ruffled butter cream stds & white falls. \$12.00



MILLER'S MANOR GARDENS 1993 INTRODUCTIONS

Roger & Lynda Miller
Phone 219-597-7403

3167 E. U.S. 224
Ossian, IN 46777

FRUIT LOOPS (L. Miller) SDB, 10", M. Unusual color combination—light apricot orange with plum purple spots on falls. Cream beards are tipped tangerine. 2-3 buds. Sdlg. 2687B: Fruit Salad X Cherub Tears \$12.50

SEA MONSTER (L. Miller) SDB, 10", E-M. Ruffled and flaring olive-green falls with baby blue beards below standards of clear sky blue. Truly the greenest coloring on an iris we have ever seen. 2-3 buds. Sdlg. 2287: 3584: (Lemon Puff x Flirty Mary) X 3684: (Daisy x Indian Jewel) \$12.50

SCRUPLES (L. Miller) MDB, 6", L. Clear and crisp light blue-violet with slightly deeper veins on the falls. Sdlg. 3487B: (What Not x Wee Sooner) X Sapphire Jewel \$10.00

WENCH (L. Miller) TB, 34", E-M. Brightly clad in a top of pink, lightly flushed plum on the midribs and style arms. Her falls are a ruffled, waved and flared skirt of plum red-violet with a fine pencil edging of pink and pink lines raying out beside the showy tangerine beards. Vigorous plants, 9-10 buds. Sdlg. 14188A: Colortart X Ringo \$35.00

1992 INTRODUCTIONS

CAN'T ELOPE (L. Miller) TB. Ripe cantaloupe orange, tangerine beards. \$24.00

CAVALIER'S CAPE (L. Miller) TB. Smoky plum violet, blue blaze. 22.50

SIDESTITCH (G. Sides) TB. White, striped and stitched medium violet. 22.50

SUNS UP (L. Miller) BB. S. cream/deep yellow rim; F. deep lemon yellow. 17.50

CONFUSED (L. Miller) SDB. White veined violet, chartreuse-yellow edge. 9.00

PINKIE PAWS (L. Miller) SDB. Orchid pink, cocoa pink spots, lt. blue bds. 9.00

BITSY BLUE (L. Miller) MDB. Cream pumila with small turquoise spots. 7.50

MAYA MAKITA (A. Machulak) MDB. 6½". S. white; F. blue-violet edged white. 7.50

*Add \$3.00 postage and handling when ordering from this ad
Send \$1.00 (refundable with first order) for descriptive catalog*



MILWOOD FLORIST & NURSERY

2020 Main Street
Susanville, CA 96130
(916) 343-6243

Presenting the 1993 Introductions of Bob Annand

ARIZONA BYWAYS—TB, 40", M. Glistening rosy beige and blended earthtones with purple blaze. Vigorous and robust green foliage, 9 to 10 large flowers on sturdy stalks. ((Butterscotch Trim x (Rippling Waters x Kiss of Fire)) x Butterscotch Trim) X Harlem Hussy. \$35.00*

TANG FIZZ—TB, 36", M & RE. Orange amoena with at least six ruffled, striking flowers. Reblooms from Sept. to Nov. at snowline elevation. (peach sdg. x Snowline) X Peach Spot. \$35.00

DESERT SKETCH—TB, 37-40", M-L, plicata. Stds. are a subtle blend of grey and yellow with slight blue tint. Straw yellow style crests, blue stigma. Falls are blended grey, brown and yellow with a faint blue mid-stripe. Sdlg. 85-8A: Desert Echo X Sketch Me. (A show-off at the 1992 AIS Convention—see pages 27 and 33 of the October '92 Bulletin) \$35.00

**Includes California tax, shipping and handling
All credit cards accepted*

RAINBOW'S END GARDEN

ELSIE RICHARDSON (G. Richardson '93) Sdlg. 85-7-1. M TB 36". Mary Frances X 77-64-1: (75-26-1: (Pink Taffeta x 71-37-1: (68-2-19: (Celestial Snow x Blushing Beauty) x Cloud Ruffles)) x Dream Fantasy). A frothy pastel confection of peach, beige, rose and lavender. Standards are a peach beige, falls are pale lavender rose. Heavily ruffled, fluted and flared. Yellow-gold beards \$25.00

HE-MAN BLUES (G. Richardson '93) Sdlg. 84-63-1. M TB 42". 81-22-1: (Victoria Falls x 77-15-5: (Mystique x Ermine Robe)) X Added Praise. Big, ruffled flowers are light lavender-blue with silvery edges and accents; creamy yellow beards tipped gold. Very broad petals; vigorous plant. EC '92 \$20.00

VIRGINIA BAUER (G. Richardson '93) Sdlg. 85-12-1. E-M TB 34". Titan's Glory X 80-45-4: (73-5-10: (Bluebell Lane x 69-27-2: (65-2-27 x Dress Suit)) x 75-30-1: (Rockette x Blue Luster)). Lustrous violet-toned royal blue; self beards. Heavy substance, ruffled and flared. A worthy child of its famous mother \$25.00

1992 Introductions See April '92 AIS Bulletin pp. 60, 84 for descriptions.

LUCILLE RICHARDSON (G. Richardson '92) Orchid lavender amoena. \$20.00

RAINBOW'S END (G. Richardson '92) Yellow-gold bitone . . . \$15.00

Gerald L. Richardson

1109 Pine Street

Richland, WA 99352

WALTER A. MOORES
Route 5, Box 189-B
Starkville, MS 39759

1993 REBLOOMING INTRODUCTION

VIOLET REPRISE—TB 34", M & RE (SEPT. IN MS) Dark red violet self with faint, pleasing white spray pattern around white beards tipped pale yellow. Large, slightly ruffled blooms are borne on sturdy well-branched stalks. Multiple rebloom stalks starting in early September, well in advance of frost. Earl of Essex X Feed Back \$25.00

PREVIOUS INTRODUCTIONS

ARIL REVERIE '90 Pastel arilmedian, repeats in spring \$ 5.00
CALICO RUFFLES '92 Marbled, washed plicata spring bloomer 17.50
DRIFTING CONFETTI '86 White, wine plicata rebloomer 5.00
FALL SPOTLIGHT '92 Violet, white zonal rebloomer 17.50
GOLD REPRISE '88 Golden yellow bitone October rebloomer 5.00
LAKE REPRISE '90 Blue lavender self summer and fall rebloomer . . . 10.00
OFF BROADWAY '92 Variegata plicata November rebloomer 17.50
OLYMPIC RINGS '90 White, yellow halo November rebloomer 10.00
PINK REPRISE '91 Peach pink border, continuous rebloom 12.50
PRINCE OF EARL '89 Lavender, white September rebloomer 7.50
SUMMER SURF '91 Lavender blue amoena, summer and fall
 rebloomer. 12.50
WALTZ ACROSS TEXAS '88 Golden, tan plicata October rebloomer . 5.00

Extras from this list. Sales end Aug. 15, 1993.
Add \$3.50 for Priority Mail.

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REGION 7 SPRING MEETING
Memphis, TN

Sponsored by the Memphis Area Iris Society
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 Garden Judges' Training (point scoring) in the Ketchum Memorial Iris Garden
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Friday, April 30, to Sunday morning, May 2, 1993

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NICHOLLS GARDENS

4724 Angus Drive

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*Japanese Iris Introductions
of Dr. William Ackerman--1993*

BLUSHING PRINCESS This single (3 falls) beauty is a superlative addition to the garden with its unique shape that readily stands out. It is a good season extender with its late bloom period starting mid to late June in Virginia. Pristine white standards are edged with a narrow line of rosy purple. The very large falls are white blending to rosy purple with a heavier concentration at the petal edge. \$35

EMPEROR'S COMMAND This flower starts the season as a double (6 falls) and progresses to 10 falls as the blooms continue to open with a nice long bloom season. The 6.5" flower has excellent substance that holds up flawlessly in extreme heat on 36" stalks. The falls are near white with violet blue streaking in a uniform sanded pattern. See color picture in January 1993 Flower & Garden Magazine. \$35

FINE HARMONY A single (3 falls) of very round overlapping falls. The falls are white around the yellow signal and then blend to a mosaic violet with white rays to the petal edges. The white standards blend to lavender purple at the edges. Ruffling and crinkling of the falls show how rounded and full this flower is on its 34" stalk. A picture of harmony for this mid-season bloomer. \$35

All three introductions may be ordered for \$90.

Please add \$3.50 shipping

Catalog \$1.00

1993 Introduction

KNOTS LANDING

Sdlg. F85-42, TB, 37" (94 cm), M. Stds. white. Falls greenish white (RHS 157D), translucent ruffles. Orange-yellow beards blending to white tip. Excellent Grower. Best Seedling—1992 Moorestown, NJ Iris Show, Region 19. (Vanity X Dream Date). \$30 plus \$3 postage & handling.

CHUN FAN

14 Chestnut Drive

East Windsor, NJ 08520

NEW FOR 1993

Ceremonium (Ken Mohr '93). A clean, crisp white self, with an infusion of blue-orchid at its heart, that has pleated ruffling and the orbicular form that we find appealing. The soft, lemon-white beards complete the color harmony. K. Mohr 132-1 X D. Mohr J-161-1. Easy to grow and free blooming.....\$35.00

Gold Speculator (Bryce Williamson '93). This sunfast yellow-gold from Gold Galore X Speculator has orbicular form and inherited the good branching and bud count of its pod parent and the lavish ruffling of its pollen parent.....\$35.00

Idle Dreams (Bryce Williamson '93). This tall, dusky rose-pink plicata has cream-pink grounds and the standards are almost solidly marked in rose-pink. Tangerine beards and rose-brown shoulders complete this child of Pretty In Pink X Anon.....\$35.00

Muses' Fire (Ken Mohr '93). A ruffled, smoky, hot, dark orchid-lavender with tangerine beards and a smoldering effect in the garden that has to be seen to be appreciated. Grows and blooms with ease. Spellmaker X Love Magic.....\$35.00

Puppet Master (Bryce Williamson '93). Only the second time we've released a Border Bearded. Ruffled, vivid butterscotch-gold with sepia-brown plicata markings on the hafts only. Dazzling Gold X Carnival Magic.....\$25.00

Right Stuff (Ken Mohr '93). We fell in love with this seductive flower: the form is round and deeply fluted and the lavender-blue standards are lightly infused lavender-blue; deeper lavender-blue falls pate, at the margins, to the color of the standards. Romantic Voyage X (J-88 x Light Fantastic).....\$35.00

Sibling Rivalry (Bryce Williamson '93). A sister to Satin Knight, this variety takes after its parent Irish Spring: wide, round form, light ruffling, and the cream-white flowers are accented by greenish shoulders. Irish Spring x Dream Affair.....\$35.00

Send \$1.00 for our catalogue, or, if ordering from this ad, add \$3.50 shipping and handling. California customers add appropriate sales tax.

PACIFIC COAST HYBRIDIZERS

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Campbell, California 95009-0972

RIALTO GARDENS
1146 W. Rialto, Fresno, CA 93705



Rebloomng Introductions for 1993

IB

AUTUMN TRYST (Weiler 93) 34" This pretty plicata of rosy heliotrope on white has lots of ruffles, good branching with 7-9 buds and early rebloom. We expect it to rebloom from USDA zone 5 southward. (Lilac Stitchery x Earl of Essex). **\$35.00**

ROSALIE FIGGE (Jane McKnew 93) 38" We are proud to introduce this beautiful iris, a first from Jane McKnew f Maryland. The name honors a long time member, past officer of the Rebloomng Iris Society and friend. A modern form f wer of dark violet with lighter areas around beards on well branched stalks, 8-9 buds and early, abundant rebloom. It has rebloomed on both coasts of the U.S. and will likely do so from USDA zone 6 southward. (Titan's Glory x Violet Miracle). **\$35.00**

SDB

GOLDEN VIOLET (Weiler 93) 9" Deep golden bitoned flowers are slightly bronzed and accented by dark violet beards. (Sib to Mini Might). **\$10.00**

LITTLE BLUE-EYES (Weiler 93) 12" Beautifully formed, lightly ruffled flowers are mid-yellow with slightly darker spot on falls and prominent blue beards. 2-3 buds per stalk. From complex seedling lines. **\$12.00**

PINK FAWN (Weiler 93) 9" A fawn-tan tinted pink with blue beards. An exciting parent producing pinks with blue beards, apricot ground plicatas, lavender and mauve selfs and bitones. From complex seedling lines. **\$10.00**

* * *

Rebloomng irises from other hybridizers are also listed in our catalog. Most have rebloomed from USDA hardiness zone 5 southward. Included are over 200 cultivars:

MDB

SDB

IB

BB

TB



For each cultivar we list the state and USDA hardiness zone where rebloom is recorded. Send for your free copy today.

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\$3.50: AFTERNOON DELIGHT/ALTRUIST/AMBER SNOW/AMERICAN BEAUTY/AUTOGRAPH/BACK IN BLACK/BLACK HILLS GOLD/BLACK MADONNA/BOLD GOLD/BOY FRIEND/BUBBLING LACE/BURGUNDY BUBBLES/CARNIVAL IN RIO/CAYENNE PEPPER/CRANBERRY CRUSH/DUSKY CHALLENGER/FAME/FEMININE WILES/FRAGRANT LILAC/GIFT OF DREAMS/INSTRUCTOR/LOYALIST/MAGIC/MEMPHIS BLUES/MOMENTUM/PACIFIC TIDE/PROM GOWN/RED LION/SUCCESS STORY/SWEET MUSETTE/VARGA GIRL/WINEMASTER

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\$5.00: ALICE GOODMAN/ARMADA/EASTER LACE/IMPERIAL THEME/LARRY GAULTER/NEPTUNE'S LANTERN/RED TORNADO/RUSTLER/STRIPED JADE/THRILLER/WITCH'S WAND/ZANY

\$5.25: APOLLODORUS/BLACK FANTASY/CREME D'OR/FOXY LADY/HEART MOUNTAIN/JITTERBUG/KING'S RUBY/MANY HAPPY RETURNS/MORWENNA/POLITE SOCIETY/PRINCE CHARMING/SWEETER THAN WINE/THUNDER MOUNTAIN **\$5.50:** AFICIONADO/ARCTIC SONG/BOHEMIAN/BUCKWHEAT/CALYPSO MOOD/DELICATE BALANCE/ETERNAL BLISS/FORT BRAGG/FULL MOON RISING/GENTLE DRAGON/GOLDEN GALAXY/GOOD SHOW/GYRO/HEAVENLY BLISS/HELEN RUTH/INTREPID/JOLT/JUICY FRUIT/LACE ARTISTRY/LE FLEUR/LOS BANOS/MARGARITA TIME/MYSTIC MAGIC/MYSTIC WARRIOR/NEUTRON DANCE/PASTEL LEI/PERILS OF PAULINE/PHYSIQUE/PICASSO/PUNKIN PATCH/QUIET MOMENT/REVOLUTION/ROMANTIC MOOD/ROMANTICIST/ROSARITA/ROYAL ELEGANCE/SCANDIA DELIGHT/SEAPORT/SPACE VIKING/SULTRY MOOD/SUNLIT CORAL/TARGET/TERRA BELLA/THINK BIG/TINTED CRYSTAL/VICTORIAN LACE **\$5.75:** BEHOLD A LADY/ETERNAL BLISS/GRAND PRIX/GUADALAJARA/PREMIER EDITION/RASPBERRY FUDGE/SUMMER FIESTA **\$6.00:** AMADEUS/BEGUINE/CHOCOLATE ROYALE/HALO IN PINK/IMAGINE ME/KUNIKO/LAS VEGAS/OLD TIME RELIGION/SHOPPER'S HOLIDAY **\$6.25:** GRECIAN GODDESS/HALO IN YELLOW/LINGERING MELODY/MAGICIAN'S APPRENTICE/MARY ELLEN NICHOLS/OUTRAGEOUS FORTUNE/SKYE/STELLAR LIGHTS **\$6.50:** BERRY SHERBERT/BLenheim ROYAL/BUBBLE UP/DUSKY JEWEL/HARVEST KING/PROUD TRADITION/RUBISTAR/THEN AGAIN/WINESAP **\$6.75:** BEAU ZAM/FIRE ON ICE/FRIZZY LIZZY/MEMORY SONG/PEACH PICOTEE **\$7.00:** BLUE CHIP PINK/ROSETTE WINE **\$7.25:** NIGHT RULER/SIGHS AND WHISPERS **\$7.50:** ALMADEN/CITOYEN/DAFFODIL CLOUD/FASCINATOR/ GALLANT ROGUE/HOT PINK/PINK GALA/RAMONA HOWARD **\$8.00:** ART SHOW/COMEDIAN/DAVY JONES/DIVINE RIGHT/GRATUITY/MISS ATLANTA/MISTS OF AVALON/MODERN MUSIC/PARIS BLUES/ PATTERNS/RAPTURE IN BLUE/RECURRING RUFFLES/SEA QUEST/ SINISTER/WELCOME ABOARD **\$8.50:** ABSTRACT ART/ACOMA/BONUS MAMA/CUPID'S ARROW/KENTUCKY SKIES/SILVER FOX/VIBRATIONS **\$8.75:** BUSY BEING BLUE/CHAMPAGNE TASTE/CORAL SUNSET/FUJI SKIES/GOD'S HANDIWORK/RAINBOW TOUR/STARDUST MEMORIES/STOLEN DREAM/ WINTER'S WHIMSEY **\$9.25:** CARIBEE/CHEROKEE TEARS/COLETTE/DESIGNING WOMAN/FALLING IN LOVE/GOODWILL MESSENGER/HEMSTITCHED/LAST EMPEROR/MAGIC WISH/OLYMPARICO/ORANGE TREAT/PINK BLUE GENES/RUFFLED FEATHERS/TIMESCAPE **\$9.75:** MIDNIGHT DANCER/SUNNY SHOULDERS **\$10.00:** COMPOSED/PACIFIC OVERTURES **\$12.00:** BIRTHDAY SURPRISE/CLASSMATE/DIFFERENT WORLD/HOT TO TROT/IN PERSON/OREGON SKIES/QUINTESSENCE SPEAKEASY/WIDE HORIZON **\$12.50:** COMPETITIVE EDGE/NOTABLE/SPELLBREAKER **\$13.25:** BOUNTIFUL HARVEST/CONTRIBUTION/HONEYMOON SUITE/NOTORIOUS.

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AMERICAN STYLE—TB 34 M. This is a pumpkin color with a burnt orange overlay. Small yellow signal on falls; red-orange beards. S. gracefully arched. All petals have nice ruffles, and the tip of the falls boasts an exquisite lacy edge. This is a great iris. Sdlg. 889. Spectacular X Far Corners. 35.00

BORN A KING—TB 32 M. S. soft light lavender with touch of white on midrib. F. lavender with small white signal. Yellow beards tipped white. Well-branched stems which are extra strong with 8 buds. Sdlg. 922. Carriage Trade X Grand Waltz. EC 1992 \$35.00

TRUE VALOR—TB 32 M. Ruffled deep dark blue with light blue beards tipped white. Wide, full form. This iris made a good showing at the Loomis Iris Trial Gardens in 1992. Sdlg. B-878. St. Louis Blues X Five Star Admiral \$35.00

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with
EARTHEART GARDENS

Japanese Irises

Siberian Irises

As many readers of this advertisement know, Shirley Pope, for reasons beyond her control, has had to give up growing our irises. Our new Siberian irises and all of our Japanese irises will now be sold by Sharon Whitney's **Eartheart Gardens**. As in recent years, **Fieldstone Gardens**—620 Quaker Lane, Vassalboro, ME 04989-9713—will continue to sell our previous Siberian introductions through their separate catalogue.

New Japanese Iris Introductions—1993

HOWARD D. BROOKS—Diploid, 6 falls, 30", EM-L. Named after our friend and colleague in hybridizing daylilies. Rich violet 8" flowers with many delicate white lines, white styles tufted lighter violet, and rich yellow signals combine to make this a handsome and strikingly different flower \$35.00

PURPLE PLUS—Diploid, 9+ falls, 32", EM-VL and repeats modestly. Very round 6" flowers with 9 falls augmented by very tufted styles, giving a neatly arranged compact flower. A self of rich, velvety, dark bluish purple \$35.00

New Siberian Iris Introductions—1993

HARPSWELL MOONLIGHT—Tetraploid, 28", EM-LM. Large semi-flaring flowers with 2½" creamy white falls, darker crimped edges and greenish lines. Very wide (1¼") tufted styles and white standards form an attractive cup \$35.00

SASSY KOOMA—Diploid miniature, 18", M. Sounds the way our daughter, Kathy, pronounced her name at age 4. Round, compact, flaring, 3" creamy white flowers with crimped edges highlighted by large, rich yellow centers. Only two buds but continuing scapes provide a good bloom period. A darling! \$30.00

WHITE PRELUDE—Tetraploid, 36", VE-VL & RE. The first white to bloom at Seaways and also one of the last. The 5½" flowers have an open form contrasting nicely with the round compact Siberians so common today. Wide, ruffled and crimped falls. Very long bloom season \$35.00

We regret that in this transition year we must limit orders to August and Fall. With orders, please add \$4.00 for shipping east of the Mississippi and \$7.00 west of the Mississippi, with checks payable to Eartheart Gardens. To order and to obtain our full lists of Japanese and Siberian irises, write to Sharon Whitney.

EARTHEART GARDENS

RR 1, Box 847

South Harpswell, ME 04079



Don & Bobbie Shepard
3342 W. Orangewood
Phoenix, AZ 85051
Ph (602) 841-1231

1993 TALL BEARDED IRIS

By Don Shepard & Bernard Hamner

WILD TOUCH (93 Shepard) TB-32"-EML This TB definitely has a wild touch! The fullness and bright yellow color are first to catch your eye, then you start noticing all the ruffles and the **big wide** flounces. The standards are a bright clear yellow. The falls are pure white with ½" band of clear yellow. Orange beards with this large clear yellow wide flounce extending outward. (Battle Star X Howdy Do)\$35.00

AZURE ICICLE (93 Hamner) TB-40"-E Icy blue white with very deep blue ruffled circle edging around falls. Very large flower with 9 buds. (Dutch Girl X Glistening Icicle)\$35.00

BLACK GRAPES (93 Hamner) TB-35"-E Deep black-purple self with dark purple beards. Large bloom with fluted edges. (Holy Night X Purple Pirouette)\$35.00

CINNAMON SUN (93 Hamner) TB-38"-M Fluted lemon yellow stands. Falls are dark apricot in the center working to light apricot on the sides. A purple stripe accents the center of the falls with purple veining towards the outer edges. Orange beards finish off this strange beauty. ((Hamner 75-11 x Peach Sundae) X Various amoena sdls.)\$35.00

MONARCH QUEEN (93 Hamner) TB-48"-EM Very large and very ruffled subdued violet-blue with pale yellow beards ending silver. (Bubbling Over X Blue Gloss)\$35.00

PERRIS GOLD (93 Hamner) TB-38"-E Colossal gold-yellow self with dark orange beards. (Golden Sparkler X Well Endowed)\$35.00

1993 SPURIA IRIS

By Charles Jenkins, Larry Johnsen and Floyd Wickenkamp

AMBER GLEAM (93 Jenkins) SPU-42"-L Glowing amber self. (Crow Wing X Forty Carats)\$25.00

BEESEA (93 Jenkins) SPU-45"-EM Elegant purple with large creamy signal patch fading into the Falls. Heavy bloomer. (Lively One X Now This)\$25.00

CLARA ELLEN (93 Jenkins) SPU-40"-E This early prolific grower is a light shade of purple. A medium size yellow signal with narrow purple lines accents the crimped purple edges of the falls. (Imperial Bronze X unknown)\$25.00

IRENE BENTON (93 Jenkins) SPU-40"-M Very ruffled and dainty lavender bloom with a large yellow signal edged faintly in lav-

- ender. (Ila Crawford X Ruffled Canary)\$25.00
- LEMON DILEMMA** (93 Johnsen) SPU-48"-ML Stands are blue-violet and falls are bright yellow rimmed narrowly with veined light blue-violet. (Vintage Year X Far Out)\$25.00
- MIDNIGHT RIVAL** (93 Johnsen) SPU-48"-M/L Blended shades of dark amethyst purple give appearance of black self. Very small yellow signal. Ruffled. (Vintage Year X Far Out)\$25.00
- POPPED CORN** (93 Jenkins) SPU-36"-M Short petite rounded and ruffled cream-white with deep yellow falls and a distinct border of white. (Highline Honey self)\$25.00
- PROUD MOMENT** (93 Jenkins) SPU-38"-ML It was indeed a proud moment when this ruffled and laced creamy-white was found in the seedling patch. The falls are accented with a yellow signal and very laced white edges. ((B4-OA: (Dawn Candle x unknown) X B5-3CC: (Equality x Crow Wing))\$25.00
- PURPLE CONCERTO** (93 Jenkins) SPU-40"-M Large blended purple & ivory, yet each color is distinctive. ((C12-7A: (Far Out x Crow Wing) X (B3-5B: (Crow Wing x Equality))\$25.00
- SNOW GIANT** (93 Jenkins) SPU-42"-M Large pure white self, small narrow point yellow signal. Ruffled. (Highline Honey x Clarke Cosgrove)\$25.00
- SONORAN SKIES** (93 Wickenkamp) SPU-43"-M Strong upright pure sky blue standards. Large yellow blaze on sky blue falls. (Cobalt Mesa X Betty My Love)\$25.00
- SONORAN SUNSET** (93 Wickenkamp) SPU-41"-M Wide flared stands accent full red-brown self. Ray pattern yellow blaze. (Destination X Border Town)\$25.00

Add \$5.00 P&H or \$8.00 for 2nd Day Air
Catalog on request for 1st Class Stamp

SHEPARD IRIS GARDEN

3342 W. Orangewood Ave., Phoenix, AZ 85051

INTRODUCING....

Winner of "Best Seedling" Award in Region 14 for 1992

RUFFLED GODDESS (Tasco '93) Sdlg. 86-26, TB, 32", M. Heavily ruffled pink lavender; yellow beards tipped pink-lavender; slight fragrance. (Entourage X Mary Frances).\$30.00

CA residents add 7.25% tax. If ordering from this ad, include \$3.00 shipping. Descriptive catalog available for \$1.00 (deductible).

SUPERSTITION

IRIS GARDENS

2536 Old Highway
Cathey's Valley, CA 95306

GEORGE A. SHOOP

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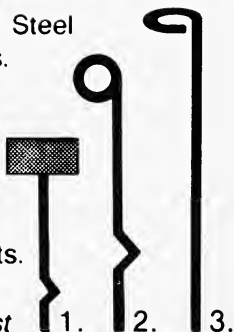
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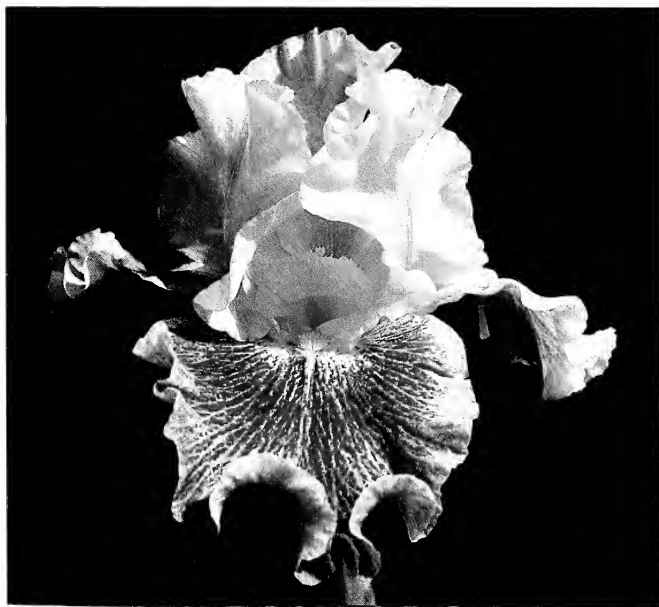
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Bulletin of the

American Iris Society

Number 290 July 1993



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OF THE
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July, 1993

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COOPERATING SOCIETY: IRIS SOCIETY OF LOUISIANA: Henry Rowland, 12 Roxbury Drive, Little Rock, AR 72209; *Elaine Bourque, 1812 Broussard Rd. E., Lafayette, LA 70508.*

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On The Cover: A rainbow of color is seen in Silverton, Oregon, as irises at Cooley's Gardens bloom profusely. Photo Courtesy of Cooley's Gardens.



From the Desk of the President

Claire B. Barr

The 1993 Iris Roundup in Fort Worth is now history, and what a wonderful roundup it was! Our hosts provided us with beautiful gardens along with good old-fashioned southern and western hospitality, and a most enjoyable time was had by all. We thank the committee and all the many members who worked so hard for such a long time to make this convention a memorable one.

Included in the mailing of this issue of the *Bulletin* is your Symposium Ballot, on which you may express your preference for up to twenty-five tall bearded irises. Instructions are given to mark your ballot, sign it, and then return it to your Regional Vice President by a specified date. Some members return their ballots to someone other than the RVP, which means that the ballots may not reach the RVP in time to be counted. Some forget to sign their names. There are those who mark more than the twenty-five allowed, invalidating the entire ballot. Please be sure to read the directions carefully. Voting the Symposium Ballot should be fun, but more than that, it is important for each member to express his or her opinion. Many members use the results of the voting in their own regions as a guideline for future purchases, as these results often indicate which cultivars perform best in that particular locality. It is not necessary to vote for twenty-five; vote for only a few if you wish. The important thing is that you vote. Take just a few minutes and do it now.

The merger of The Louisiana Iris Society of America (LISA) and The Society for Louisiana Irises (SLI) has now been completed, and the two have become The Society for Louisiana Irises, a Cooperating Society of the AIS. Our congratulations go to these two organizations for the successful completion of the merger, and our best wishes for future success go to all the members of The Society for Louisiana Irises.

If you have a particular interest in irises other than tall bearded, think about becoming a member of one or more of the various AIS Sections. If you enjoy writing letters and receiving them, your enjoyment can be expanded by joining an AIS Robin or one in your own region. You might try your hand at writing an article for your regional publication or for the AIS *Bulletin*. If you are a photographer and have good quality slides which you no longer need, consider offering them to the chairman of the AIS Slides Committee for possible use in one of the rental slide sets. There are many ways to increase the pleasure and the benefits of membership in The American Iris Society.

ANNUAL PRESIDENTIAL LETTER

**The American Iris Society
July 1, 1993**

Each year the terms of office expire for one-third of the twelve directors of The American Iris Society, and four are elected to fill those positions. As provided in the AIS bylaws, a five-member Personnel Committee recommends to the AIS Board of Directors candidates for nomination as directors. The Personnel Committee consists of two directors chosen by the Board of Directors, two RVP's elected by the Board of Counsellors, and one Section member selected by the Section Advisory Board.

As approved during the spring, 1993, meeting in Fort Worth, Texas, one incumbent director eligible for an additional term was renominated, and in addition, Terry Aitken, James McWhirter, and Jeanne Plank were nominated to complete the slate of four. Therefore, approved in accordance with the AIS bylaws, the nominees are:

For regular three-year terms expiring in 1996

Terry Aitken

Lillian Gristwood

James P. McWhirter

Jeanne Plank

The bylaws provide that nominations may be made by any forty members, of whom not more than fifteen may be located in any one region. Such additional nominations must be received by the AIS Secretary on or before September 1, 1993. Should additional nominations be made, a ballot on which all nominees are listed will be mailed on or before October 1, 1993, to all AIS members and must be received by the AIS Secretary or Election Committee (if one is appointed) on or before November 1, 1993. If there are no nominations in addition to those listed above, issuance of a ballot may be omitted.

Claire B. Barr, President

AIS POSTER CONTEST

James Rasmussen (Kansas)

The AIS will commemorate its 75th Anniversary in 1995 with a special iris poster.

There will be a contest which will be open to all artists who wish to create an original art work to submit to the selection committee. The judging will take place at the 1994 convention in Portland. One winner will be chosen and receive a \$400 cash prize. Runners-up will be recognized by name in the BULLETIN and at the convention.

Contact James Rasmussen, 2112 W. 17 St. N., Wichita, KS 67203 for Contest Rules and Entry Forms.

CALIFORNIA '96 REQUEST FOR BEARDLESS GUEST IRISES

The Sacramento Iris Society and the Santa Rosa Iris Society of Region 14 will be hosting the 1996 Convention of The American Iris Society. The Guest Iris Committee invites hybridizers to send guest rhizomes of recent introductions and seedlings of beardless irises under consideration for introduction.

Please observe the following guidelines when you send guest irises:

1. Three rhizomes of each variety should be shipped.
2. The guest irises will be accepted from August 15 to October 15, 1993.

3. All official guest irises must be shipped to:

Mr. Walt Dean
2334 Whittier Place
Fairfield, CA 94533

4. The name of the variety or seedling number should be clearly marked on each rhizome. In addition, the following information should accompany each plant on a SEPARATE PACKING LIST containing the contributor's address:

- A. Hybridizer's name
- B. Name or seedling number of the variety
- C. Type of iris; i.e., TB, LA, SPU, SIB
- D. Height and color
- E. Year of introduction (if introduced)

5. When guest seedlings are named, it is the responsibility of the hybridizer to notify the Guest Iris Chairman not later than November 1, 1995.

6. A receipt will be mailed to all contributors. Shortly before the convention, contributors will be asked for instructions regarding the disposition of the plants. Failure to reply by June 15, 1996, will be interpreted as permission to destroy all stock. All official guest plants which are to be returned will be shipped postpaid, except to foreign addresses.

7. The Convention Committee and the owners of the tour gardens will follow the statement of the code of ethics as printed in the AIS Convention Handbook.

8. The Guest Iris Committee will not be responsible for losses beyond its control, and only rhizomes received through the Guest Iris Chairman will be listed in the Convention Handbook.

YOUTH VIEWS

Jean E. Morris

1993 Youth Achievement Awards

Congratulations to Kurt Latimer, aged 17, of Albuquerque, New Mexico, the winner of this year's Clarke Cosgrove Memorial Award for Youth Achievement. Kurt has many impressive accomplishments to his credit. He is an AIS Apprentice Judge, has been hybridizing for eight years, has won an Exhibition Certificate for his spuria-species seedling 87-B-21S, belongs to the Aril Society International plus three local irises societies and has been elected Vice President of one—the Albuquerque Iris Guild. This is quite a responsibility because it includes the task of program chairman, as well.

Kurt is an enthusiastic competitor at iris shows, having won eight youth silver medals, five best youth specimens and two best specimens in competition with adults (with RARE EDITION and RASPBERRIES AND CREAM). It is reported that he is a meticulous groomer and helps younger youth members with grooming and placement of their irises at shows. Kurt has also assisted show committees with tally, placement, clerking and sales, where he demonstrates his thorough knowledge of iris growing and promotes AIS to others.

Kurt grows approximately 150 irises of nearly every type and acquired his first irises some thirteen years ago from his mother's friend, Irene Shockey. Many in Region 23 have fostered his iris interests and everyone agrees that Kurt has developed into an outstanding irisarian. In the words of his nominators, "... he is a joiner, a worker, a helper and a very well thought of young man." Other words used include, "... intelligent, enthusiastic, a true gentleman, willing to shoulder responsibility, and modest in regard to his gardening accomplishments."

In addition, Kurt is a National Honor Society member, holds a 4.28 GPA, participates in band, soccer, track and cross country and holds his school's Academic Letter of Excellence. We are proud and fortunate, indeed, to have Kurt Latimer as an AIS Youth Member.

The First Runner-Up for this year is Danny Watson, aged 18, of Milledgeville, Georgia. Danny is no stranger to the Youth Achievement Contest having been in the first runner-up position in 1989, 1992, and now, for the third time in 1993. Many of us were able to see Danny's garden last year at the Atlanta Convention as his family garden was on the tour schedule and many are still basking in the glow of the warm southern hospitality shown to us there by the entire Watson family.

Danny has many impressive accomplishments as an AIS Youth Member including several silver medals and best specimen awards with JAKARTA, CLOSED CIRCUIT and FIVE STAR ADMIRAL. He is an accomplished flower arranger as well, having won the best youth design several times. He has promoted the Oconee Valley Iris Society shows by appearing on local television on two occasions and has also been pictured in area newspapers.

Danny does all the right things to increase his iris knowledge. He grows many iris types, works and participates in shows, attends regional and national iris

events and visits many iris gardens. Danny is a fine example of all we want in our AIS youth members and a real credit to AIS and Region 5.

This year we had a tie for the Second Runner-Up position between Shilo Gillam of Garden City, Kansas and Donna Wiseman of Wentzville, Missouri, both of Region 18.

Shilo, at eleven years of age, has a long list of iris achievements to her credit in both the youth and adult divisions of her local iris shows, including youth silver medal, best specimen of show and best design. In addition, Shilo does 4-H demonstrations to promote irises, has done programs for the Garden City Iris Club on three occasions, has helped with the 1992 Region 18 Spring Tour and was the region's first winner of the Stanley Goodman Award for Youth Achievement.

Donna Wiseman, who is 17 years old, is a tireless worker for her local club, the O'Fallon Iris Society, where she always sets up show tables, works the sales tables, enters her irises in both horticulture and design divisions, creates educational exhibits and holds the office of secretary of her local iris youth group. Donna has also attended four AIS conventions and has assisted her local club on several committees as it hosted two regional meetings.

All of these young people serve as an example of what can be accomplished in the iris world in a few short years. While they bring that freshness and enthusiasm so readily available to youth, we adults should be ready to encourage, enable and emulate their achievements. Willingness of all AIS members to assist our AIS Youth Members is invaluable in their continued development. Won't YOU help?

BULLETIN ADVERTISING RATES

COMMERCIAL DIRECTORY (Four Issues)

One inch	\$ 37.50	Two-inch	\$ 50.00
Three-inch	\$ 62.50		

DISPLAY ADVERTISING (Single Issue)

One-inch	\$ 30.00	Two-thirds page	\$ 90.00
One-quarter page	\$ 40.00	Three-fourths page	\$100.00
One-third page	\$ 50.00	Full page	\$120.00
One-half page	\$ 70.00		

Full page, color \$240.00 plus color separations

Cover ads \$240.00 plus color separations

All advertising copy and photographs, except color which requires individual arrangements, must be received by the Advertising Editor by April 15 (July Issue), July 15 (October Issue), October 15 (January Issue) and January 15 (April Issue).

Send advertising copy and check payable to The American Iris Society to:

Ms. Kay Nelson, Advertising Editor

P.O. Box 18145

Salem, OR 97305

Tel. (503) 391-9241

SOFT ROT OR BLIGHT?

Dave Niswonger (Missouri)

An experience in 1986 causes me to always ask the question when there is rot, "Is it soft rot caused by the bacterium, *Erwinia carotovora* (Jones), or Southern blight caused by *Sclerotium rolfsii* (Sacc.?)" I had experienced mustard seed fungus in Spurias which is caused by the same organism, but I had never experienced it, as it presented itself in 1986. Let me quickly say that once a rhizome is invaded by it, you cannot save it. The only fungicide I have found that will prevent it is terrachlor. There are other names for the disease such as Crown Rot, Sclerotium Root Rot and Southern Wilt. It is a soil fungus and is probably in some degree in most of our gardens but doesn't manifest itself until the conditions are just right and that is when it is hot, in the nineties, and the soil is moist.

Let me tell my story. In 1984 or 85 a friend of mine from Birmingham, Alabama told me that his irises which were planted along a driveway all keeled over and died. It was like a row of dominoes—it started at one point and like a wave they all fell over. He asked me what I thought the cause of it was. My first reaction was, "You've got to be kidding." The next reaction was to ask questions—"Did you fertilize the lawn heavily with a nitrogen fertilizer?" I thought he might have gotten such lush growth that they were susceptible to soft rot. He replied that he had fertilized the lawn but he didn't think he overdid it and he doubted that he could have gotten all of the irises covered so evenly that they would all get it at the same time and therefore fall over so uniformly. I could not explain it. It did not make sense to me.

Then in 1986, I found out what he was talking about. I had fumigated my soil in the country where I planted some of my newer things and my seedlings. Since it was fumigated soil, I knew I had to sterilize everything that was planted there since there would be no competition and whatever was introduced there would grow rampant. So, I dipped the rhizomes I was planting in a Clorox solution and then in a benomyl (Benlate) solution. I knew fumigating the soil with methyl bromide would save me a lot of time in weeding and that they would grow well. I could run the tiller and cultivate the irises to retain moisture and I could go through any drought. I had a couple thousand seedlings and they were growing beautifully. I had actually stepped back and looked at them one day and admired the beautiful green rows without one weed growing. It was in the middle of August and it hadn't rained for a month, but I had the crust broken and there was still plenty of moisture there. The temperature was in the nineties and might have hit one hundred a couple of times. Then we had an inch of rain and I shouted, "Wonderful—this is enough to carry them into fall!" But, in the next day or two, starting on the gently sloping terrain above where the seedlings were planted, some irises started falling over with green tops on them—maybe some foliage with black streaks in it. Also, at the house in one fumigated bed starting on the lower side of the bed, a clump toppled over. I wondered what was going on, and I immediately thought of my friend from Birmingham. The next day the rot had progressed to the next clump and then to the next row and by the end of the week the entire bed had died as well as my two thousand seedlings in the country—except on the ends of the rows where I had mixed regular soil with the fumigated soil where I

had turned the tiller around. Two or three clumps on the end of the rows seemed to be O.K. (One of these clumps turned out to be BLUE CHIP PINK.) I sent samples to the state extension plant pathologist and the answer came back—"Southern Blight." I then could answer my friend's question from Birmingham. What I didn't know was that Benlate has no effect on Southern Blight. If I had dipped in Terrachlor, using a 75% wettable powder and mixing about one-half cup per gallon, I might have been safe.

In the instructions I received from the Extension State Plant Pathologist, I was told to incorporate Terrachlor in the soil and to remove diseased plants and surrounding six inches of soil around the plant. They also stated that increasing the organic matter of the soil and fertilizing with ammonium nitrate may help reduce the disease. This latter part of the instructions is not necessarily good for growing bearded irises especially if you get hard freezes because it tends to make them tender. In other research, I found that it usually attacks plants just below the soil surface and this was my experience. You could pull up on the plant and the bottom would fall out of the rhizome. There's an indication that the fungal threads cover the rhizome and produce oxalic acid which kills healthy plant cells, which allows the fungus to gain entrance. In my experience, it seems that the roots start to shrivel then become dead and the fungus enters where the root hooks onto the rhizome. I have taken rhizomes just starting to rot at the bottom and treated with pure Clorox and also Terrachlor and it died anyway. I have taken rhizomes where the roots are shriveling but still attached to the rhizome and soaked in a Terrachlor dip and saved them. Also, in the row where I dug up the rhizome, I have treated with 10% granular Terrachlor and stopped the spread. It seems that you can only find 10% Terrachlor in cotton country but your dealer can probably order it.

I live just a few miles north of what I call the Mason-Dixon line which is on the Mississippi River about 30 miles north of the tip of southern Illinois or on the heel of the boot of southeast Missouri. I am not aware of any iris grower north of me that has had this problem. If soil is fumigated, it is apt to be more noticeable. I think it is possible for them to have it but the further north you go, the harder it is to meet the conditions and in non-fumigated soil, the other organisms tend to compete with it.

Since I have had this experience, I am very sensitive when I hear of growers losing an entire bed such as what happened at Atlanta. In talking to the growers there, it sounded very much like Southern Blight but their reports coming from the state indicated Erwinia. However, I'm wondering if the soft rot infection could have been secondary to the initial injury of the rhizome by Sclerotium. In fact, John Weiler in "The World of Irises" under "Diseases of Irises" on page 338 where he discusses *Sclerotium rolfsii* states, "Leaves turn yellow at the tip, rot at the base, and eventually fall over. Advanced stages show rotting of the rhizome as well; this may be due to a secondary infection by the bacterium Erwinia" which causes soft rot. My experience with the smell of the rot is that it doesn't seem to smell as bad as pure soft rot. There seems to be a slight perfume present.

With the help of Julia Thompson, a plant pathologist with the University of Missouri Extension Service, I found in an article written by George L. Peltier that Southern Blight appeared as far north as Urbana, Illinois in 1915. It was not in irises but in perennials. He states that they had an unusually wet summer in 1915

with 29 inches of rain falling between March 1st and Oct. 1st. During July, when the disease was at it's height, they had 7.3 inches. He reported that this fungus was first reported by Rolfs, from Florida, in 1893. It was named by Saccardo in 1911. Peltier stated that plants attacked by the fungus rarely recover which is certainly my experience with irises. He stated that the fungus attacks the plants on the stem just below the surface of the ground. He says that in the early stages, the smaller roots are usually sound but the larger trunk roots show discolored lesions that rapidly become larger until the bark is disintegrated. Then in the later stages, the smaller roots are attacked and the stem becomes permeated with mycelium, completely disorganizing the tissue and causing soft rot of all parts underground. He states that the fungus produces no spores but is propagated by the mycelium spreading through the soil and by the formation of the sclerotia (mustard seed-like). The sclerotia in all cases germinate by giving rise to mycelium only. He quotes Rolfs saying that under the unusually wet conditions in Florida the fungus makes no perceptible growth until the soil reaches a temperature of 60 degrees F and the growth becomes more favorable as the temperature reaches 90 degrees F.

Another article written by Zamir K. Punja with Campbell Institute for Research and Technology, Davis, California states that Southern Blight infects well over 500 plant species and that it is distributed in hot, humid areas of the tropics and subtropics and parts of southeastern and southwestern United States. It's most active in the upper 2 to 3 inches of soil and in my opinion that's why a sprinkling of granular (10%) terrachlor can be so effective in preventing it's spread. The thrust of the article deals with the "Influence of Nitrogen and Calcium Compounds on Development of Disease due to *Sclerotium rolfsii*." It indicates that the sclerotial germination is optimal at a low pH, within the range of 2.0 to 4.0 and that at a pH above 7.0 germination in vitro is inhibited. The pH of my soil is around 6.8 to 7.0. The article further intimates that mycelial growth and sclerotial germination in natural soil is inhibited by ammonium nitrate type compounds especially if the pH is above 7.0. So, this would indicate that a high calcium content may be helpful too. It appears that the use of calcium nitrate would be preferred to that of calcium sulfate. He summarizes the mechanisms by which disease caused by *S. rolfsii* may be reduced as follows: (i) a toxic effect on the pathogen, particularly if ammonia is released; (ii) an indirect effect of predisposition of sclerotia to antagonistic micro-organisms; (iii) a direct effect on increasing populations of soil microflora, which in turn reduce activity of the pathogen; and (iv) an indirect effect on reducing susceptibility of the host. Of course, we have to keep in mind that we have to be careful with nitrogen applications with bearded irises—spuria irises can take more.

Research conducted by Dr. Harry Hoitink, professor of plant pathology at Ohio Research and Development Center of Ohio State University in Wooster, Ohio, indicates that fungus type of root rots may be suppressed naturally by the use of compost. He has conducted extensive studies especially using pine bark compost and it's ability to suppress *Pythium* fungal organisms that cause damping off disease and root rots. He explains that when a plant root grows nutrients and sugars are secreted into the soil or growing medium. This is what disease producing organisms feed on but the microflora in the compost have the same diet as the

fungi and if they can consume the nutrients first, the root rot organisms are suppressed. This would be a matter of using compost that hasn't completely broken down. In an article for the American Phytopathological Society entitled "Status of Compost-Amended Potting Mixes Naturally Suppressive to Soilborne Diseases of Floricultural Crops," Dr. Hoitink says that information is now available that facilitates formulation of container media capable of suppressing several soilborne diseases including those caused by *Fusarium spp.*, *Pythophthora spp.*, *Pythium spp.*, *Rhizoctonia solani* and other pathogens. Even though he doesn't mention *Sclerotium rolfsii* specifically, I feel that much of this information applies to it. Much of his work was done with pine bark—but in a telephone conversation I had with him, he felt that oak bark might be more suppressive than pine bark. He also mentioned the possibility of the utilization of cow manure compost on field grown crops such as irises—but here again we have to be cautious about not getting too much nitrogen on bearded irises. It appears that organically enhanced soil is good in the control of Southern Blight just as long as we don't get the nitrogen content too high. Dr. Hoitink goes into the composting process which involves three phases including the destruction of plant pathogens, weeds seeds, etc., by the heat generated in the process. It appears that this is becoming quite a science and readers may want to get the article for a more in depth study.

My point in reviewing the above articles is to create an awareness that the disease can be controlled chemically and organically—: chemically, by the use of fertilizers to get a pH and nitrogen content optimal as well as the use of Terrachlor (Note: A heavily infected bed can be cleared by fumigating with methyl bromide or you might consider soil solarization by using clear plastic in the hottest weather when you can get the temperature from 103° F to 122° F for at least 6 hrs. and preferably more for greater depth, according to studies conducted by Ms. J. D. Mihail who is now at the Univ. of MO); organically, by the liberal use of compost, leaf mold, and other organic matter.

In conclusion, I would like to say that I believe we have more of this disease than we realize; especially south of Missouri. As I have said, I grew irises for over thirty years before I became aware of it's devastating capabilities. The conditions have to be right for it with high moisture content in the soil and temperatures in the nineties, and the further north you go, the less likely you are to have these conditions. I was surprised to find that there was an outbreak of it as far north as Urbana, Illinois and I feel that it does exist up north, but very seldom gets to manifest itself. It's more likely to show up in fumigated soil since there are no antagonistic organisms present. When planting in fumigated soil, the rhizomes should be dipped in Terrachlor or when lining out seedlings, sprinkle 10% granulated Terrachlor in the row as a preventive.

Dr. Weiler states that irises affected by *S. rolfsii* are bearded, Japanese, Siberian and spuria irises; *Iris cristata*, and bulbous species *I. xiphium*, *xiphiodes* and *filifolia*. He says that in bulbous species the fungus causes what is known as White Bulb Rot. He then says that Denman (1972) states that "Siberian irises are apparently wholly immune and Louisianas are practically immune." My comment on the last statement is that Siberians are grown more in the north and can be mulched to control weeds and moisture which automatically offers protection to them.

Plants with soft rot caused by bacteria can be saved by the use of Clorox or an antibiotic, but plants with rot caused by Southern Blight cannot be saved. If irises get rot in the winter or early spring, its likely to be Dry Rot, Winter Rot or Snow Rot caused by *Botrytis* (*Sclerotinia convoluta*) (Drayton) and *Botrytina convoluta* (Drayton) which occurs in heavy clay soils where the soil temperature has been below 45° F. Soft Rot usually occurs in the spring before iris bloom and blight occurs in the summer after the bloom period when its hot and wet. So, the next time you have rot, especially if it seems to be radiating from some particular point, ask yourself, "Is this Soft Rot or Blight?"



Figure I

An iris plant afflicted with Southern Blight. The plant is sickly and not thriving.



Figure II

An iris plant just beginning to be infected with Southern Blight. Note that the larger roots are dying and the fungus will soon invade the rhizome at which time, it cannot be saved.

WISTER MEDAL DESIGN COMPETITION WINNER ANNOUNCED

The final meeting of the Wister Medal design judges was held on May 15, 1993. The winning designer is NANCY S. HARKINS of Tulsa, Oklahoma, who will be awarded a life membership in AIS. Runner-up is JAMES W. WADDICK of Kansas City, Missouri, who will receive a gift certificate for irises of his choice. Further details will appear in the October Bulletin. Congratulations to the winners and many thanks to all who participated!

ARRANGER'S CORNER

Carolyn Hawkins (Georgia)

MASS DESIGNS

The traditional early mass arrangements incorporated many flowers which were tightly "stuffed" into the containers, creating a large "mass." The pure form of the flowers was lost in the confusion and only the brightly colored flowers were seen, with all of the others blending together.

Historically the containers were urns, some very ornate, and during the American Colonial period some containers were simply butter churns, pitchers, etc. Containers today range from the very fine, shiny finishes of metal and porcelain to very rough and rustic textures in baskets and pottery. Some favorite colors for containers are neutral shades that do not detract from the flowers (black, gray or natural).

Figure 1 is a Victorian-type illustration which demonstrates a very vertical mass design. Note the design of the container is ornate and would possibly detract from the flowers. The height of the flowers is out of proportion to the container as it is $3\frac{1}{2}$ times taller than the height of the vase. A good rule-of-thumb is $1\frac{1}{2}$ to 2 times the height of the container. If it is a low container the guideline is $1\frac{1}{2}$ to 2 times the LENGTH of the container. (See Figures 2 and 3)

The mass designs done today are loose with open slots here and there to allow an airy feeling to prevail. The question to ask yourself is which type fits the class for a flower show (especially if it is an historical class), or which type will be best for your home. Irises tend to need some slots of space around them to best show off the form. Also irises will get torn up in the process of "stuffing" them into the design.

Church arrangements are a special group of mass designs and must be constructed to hold up and to be visible throughout the sanctuary. They are traditional in style, almost always flat on the back side to be positioned against a pulpit. These designs are usually compact so no light will shine through and many times have a backing of green fern materials to create a solid screen. The flowers are placed in front of this green screen and are more visible from the back of the church than a design with slots of light passing through them. When the church designs are loose and airy, unless they are against a solid wall, pulpit, etc. the flowers are lost in the background. Certain colors do better in church designs, such as reds and yellows, with blues and violets receding. The design must be very large—view the design from the back of the church and the size requirements will be more apparent. Placing irises in a church for a service might involve checking on the temperature in the church as many large buildings do not turn on air conditioning until just before a service and irises left in a hot room will wilt and lose substance quickly.

In Figure 4 the mass design has spaces which allow the form of the flowers to be fully viewed. The forsythia in the upper left balances the branches used in the lower right. Note the different textures of the flowers. (Reprinted with the permission of designer, Mrs. Charles F. Heard, Macon, GA.) In Figure 5 the mass design has a dominance of pale colored flowers with snapdragons strategically placed at



FIGURE 1

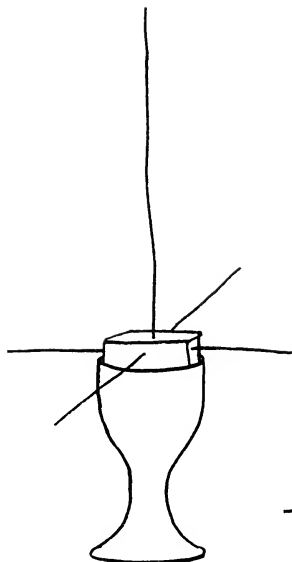


FIGURE 2

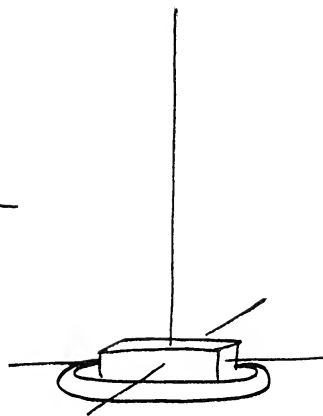


FIGURE 3



FIGURE 4

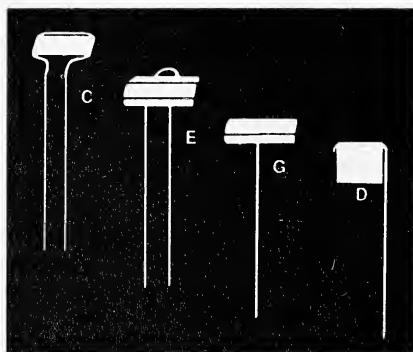


FIGURE 5

each end and center top (her choice for line and the first flowers to be placed in the design). Spaces in the design allow the forms of the daisies, irises, snapdragons and lilies to be defined. (Reprinted with the permission of designer, Mrs. Martha Miller, St. Simons Island, GA.)

Figures 2 and 3 illustrate how to place your first pieces of plant material (flowers, leaves, wood, etc.) and is your line for the mass design. This is a suggested "format" that should be helpful in getting started. Try a mass design as soon as the spring flowers begin blooming and an inexpensive supply of flowers is available. Place the 5 pieces of line in your oasis as illustrated in Figures 2 and 3 and have fun adding materials until you have a completed design. Use foliage to hide stems and the oasis, keeping in mind the scale of the flowers to each other and to the foliage. The old saying "practice makes perfect" is so true with designing with flowers and builds confidence. When using irises, design with several stalks of 1 variety versus using several different colors. Which looks best? Many times mixing too many different colors is confusing. Try using one color range and add a touch of a lighter color for a bright spot here and there. This lighter color might be a different flower form (such as glads, snapdragons or any spiked flower) which would add another form and more interest with the irises. Future articles will feature more irises used in designs and will help illustrate these ideas.

Several requests have been made for good reference books for design. Check with the local library for flower arranging books, keeping in mind the different styles of the 1950's versus the 80's and 90's. Visit your local florist and look at the designs. This may provide some ideas as most have updated their designs from the usual compact nosegays to some very new, trendy creations using fewer flowers and incorporating more spaces in mass designs. Also more common garden flowers are being used. One book that I can highly recommend is *AT HOME WITH FLOWERS*. This is a soft-bound "A-Z" type of flower design book with the basics and many color pictures of excellent designs. The cost is \$17 and includes postage and handling. Make checks payable to Carolyn Hawkins and send to 7329 Kendel Court, Jonesboro, GA 30236.



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IRIS X CONGLOMERATA

Norlan C. Henderson (Missouri)

If, as we have suggested (A.I.S. Bulletin, July, 1992), *Iris germanica* is to be restricted to the hybrids involving only *I. pallida* and *I. variegata* some other disposition must be made with those hybrids in which other species were brought into the breeding of this group of irises.

Wister said that prior to 1890, only these two species had been used by hybridizers to produce thousands of forms of the Tall Bearded irises. Sir Michael Foster received several "new species" of irises from Asia Minor and began to use them in the breeding of the bearded iris. Wister lists these as *cypriana*, *mesopotamica*, and *trojana*. Each of these has been shown to have a chromosome number of $2n = 48$.

Kohlein (1981) says, "The secret of the origins of *Iris germanica* will probably never be fully explained. It is likely, however, that a hybrid, rather than a pure species, was involved. But just what species were used, *I. pallida*, *I. variegata*, *I. aphylla* or even Near Eastern diploids is uncertain. Many of these medieval hybrids, which later received species names, go back, in all probability, to a cross between *I. pallida* and *I. variegata*."

Here, then, is one of the major points of controversy. Since the only chromosome counts for *aphylla* show that it has $2n = 48$, it probably did not enter into the breeding of *germanica* prior to the work of Foster. But it must have entered into the breeding of some of the "new species" from Asia Minor, however, since *junonia*, which was named and described by Schott & Kotschy in 1854, shows evidence of being derived from *aphylla* and has $2n = 48$ chromosomes (Simonet, 1952).

Mathew (1981) stated, "It is not easy to distinguish *I. germanica* from several other similar plants from the Near and Middle East which have been described as species. These are doubtfully wild and are recorded mostly from cemeteries or near habitation." He lists six of these plants: *belouinii*, *biliottii*, *cypriana*, *junonia*, *mesopotamica*, and *trojana*. If these are not wild forms, as he suggested, what are they? Five of these have been shown to have a chromosome count of $2n = 48$. Whether these are autotetraploids of some of the forms of *I. germanica* or of completely different parentage is not known. The other, *I. biliottii*, has a count of $2n = 44$. This count alone would indicate that some other species, possibly *I. lutescens* ($2n = 40$), was involved in the parentage.

Cave (1951) made an interesting observation, "All irises (tall bearded) raised up to 1900 were diploids—and as the tetraploids were used more and more in breeding, so more and more of our irises became tetraploid. How this change took place is shown by the following figures. In 1915 roughly 66 per cent of our irises were diploid, 33 per cent tetraploids; in 1920 the percentage of diploids had dropped to 55, while the tetraploids had risen to 45 per cent. By 1930 the tetraploids stood at 75 per cent, the diploids at 25 per cent, and by 1940 practically all tall bearded irises were tetraploids. Some triploids and pentaploids appeared en route, but their numbers were small, and their influence in breeding negligible."

Sir Michael Foster also brought two oncocyclis irises into the breeding of the garden forms of the bearded iris. He had difficulty maintaining plantings of the Oncos in England, but wanted their unusual beauty incorporated into the Gardens and also wanted to increase hardiness and other characteristics into the Oncos. He used both *I. iberica* and *I. paradoxa* in these crosses. What effect these may have had on future generations was probably negligible.

Cave said, "A California raiser, William Mohr, and his friend Professor Mitchell, between 1920 and 1926, succeeded in uniting the oncocyclis iris *Gatesii* with the tall bearded plicata PARISIANA, and the child of this union, named WILLIAM MOHR, will probably have as big an influence, although in a different way, as the introduction of DOMINION."

In 1940, Paul Cook crossed *I. reichenbachii* with SHINING WATERS, a blue tall bearded iris. This cross produced only four seeds. One of the seedlings was introduced as PROGENITOR in 1951. This one cross has had more impact on the breeding of the bearded iris than any other in recent history. A few years later Cook introduced *I. imbricata* into the tall bearded line.

The origins of the Dwarf Bearded iris are even more complex. Katherine Heinig (1958) in her discussion of the various groups of iris hybrids says of the dwarf bearded species, "In this group of hybrids approximately twenty species are involved and most of them have been hybridized with many other species of the same group." As these species are recognized today, however, many of them have been reduced to synonymy so that there will be less than twenty. *Iris chamaeiris*, *italica*, and *olbiensis* are now considered to be synonyms of *I. lutescens*; *balkana* and *bosniaca* are synonyms of *I. reichenbachii*; *mellita* and *rubromarginata* synonyms of *I. suaveolens*; and *virescens* is a synonym of *I. variegata*. *Iris cengialti* and *illyrica* are now considered to be sub-species of *pallida*. All of these have been involved in the parentage of the dwarf irises.

It has been shown, by Mitra, 1956, that *pumila* ($2n = 32$) was an amphidiploid derived from a cross between *pseudopumila* ($2n = 16$) and *attica* ($2n = 16$); and that *chamaeiris* (now *lutescens*) ($2n = 40$) was an amphidiploid hybrid of *pseudopumila* and *pallida* ($2n = 24$). Most of the early dwarfs were primarily forms of *lutescens* and although Mohr and Sass both recorded *pumila* as one of the parents of their early dwarfs, chromosome counts have shown that, in all probability, it had been mistaken for *lutescens*. This was a mistake that was commonly made. Four other species had been referred to as *pumila* by various authors. This has made research into the origin of the dwarf iris extremely difficult.

The dwarf variety, SOCRATES, used in the early breeding, by the Sass Brothers as well as Paul Cook, was a hybrid between *olbiensis* (*lutescens*) and *korolkowii* which is a species of the REGELIA Section. This crossed with *flavissima* (now considered as a synonym of *I. humilis* a species of the PSAMMIRIS Section) produced the cultivars KEEPSAKE and TAMPA. The Sass Brothers used *arenaria* (which is also recognized as a synonym of *humilis*) in their breeding program for dwarfs.

In the decade of the 1950's both Muhlestein and Cook used another REGELIA species, *I. hoogiana*, in the breeding of the dwarfs. Also during this decade Geddes Douglas and Paul Cook exchanged pollen of the tall and the dwarfs and produced many cultivars which were intermediate in both height and bloom-

period between the two parental groups.

The continued hybridizing, which has involved many different lines of the bearded iris, has basically eliminated most of the diagnostic characteristics that separated the species that were used in the development of the garden hybrids. This has resulted in a very artificial system of classification that has little to do with the species: Miniature Dwarf Bearded, Standard Dwarf Bearded, Intermediate Bearded, Border Bearded, Miniature Tall Bearded, and Standard Tall Bearded. Some of the pigments and color-patterns that we know or postulate as having been brought into the breeding by the use of certain species, can often be found in each of the above classes.

Dr. Heinig (1958) lists the interspecies hybrids that are known to have been produced. Although we will not attempt to list all of these, the list of the involved species will give an idea of the complexity of the parentage of the Bearded Iris.

These three irises, which have been most important in the breeding of the garden forms are of hybrid origin, but over the years have become sufficiently established to be recognized as species in their own right. However, since they are of hybrid origin, it becomes obvious that their parents should be listed in the species which have contributed to this group.

germanica (*pallida* X *variegata*)
pumila (*attica* X *pseudopumila*)
lutescens (*pseudopumila* x *pallida*) syn. *chamaeiris*,
italica & *olbiensis*

Other species that have contributed in a more or less significant way are:

From Section IRIS:

albertii Regel
albicans Lange Syn. *florentina* Lam.
aphylla L.
attica Boiss. & Heldr.
biliottii M. Foster
croatica Horvat.
cypriana Baker & M. Foster
florentina L.
germanica L.
imbricata Lindl.
junonia Schott & Kotschy
kashmiriana Baker
kochii Kern. & Stapf
lutescens Lam. Syn. *chamaeiris* Bertol
italica Parl.
olbiensis Henon
mesopotamica Dykes
pallida Lam.
 subsp. *cengialti* Ambr.
 subsp. *illyrica* Tommas.
perrieri Simonet

completely integrated into the breeding of the bearded iris, and so many of the diagnostic characters have become obscured, this name is no longer adequate.

According to the International Rules of Botanical Nomenclature "Every plant must belong to a species". Where, then, do we place these thousands of cultivars which are actually conglomerates of the above list. They certainly do not fit any single species. What, then, could be more appropriate than to give them a name that would indicate this extremely complex parentage.

I am proposing the name *IRIS X CONGLOMERATA* under which we can legitimately place all of these hybrid bearded Iris cultivars. Until it is possible to determine, without question, the species which gave rise to the tetraploid "species" of the bearded iris (*croatica*, *cypriana*, *mesopotamica* and *trojana*) they will be included as synonyms of *I. X conglomerata*.

We are recognizing the division of the genus *Iris* into Subgenera and Sections as defined by Mathew. Since *Iris X conglomerata* has been developed from species from four different Sections and can not fit into any one of them it must be placed in a Section of its own. I know of no other instance in which a hybrid Section of a genus has been established, but of necessity, I will propose Section CONGLOMERATAE of the Subgenus IRIS.

Genus	IRIS L.	
Subgenus I.	IRIS (Subgenus POGONIRIS Spach)	
Section A-1	CONGLOMERATAE Sect. nov.	
	X conglomerata nothosp. nov.	
	4n germanica Auth.	4n = 48
	X alto-barbata E. Murray	
	croatica Horvat.	
	cypriana Baker & M. Foster	
	mesopotamica Dykes	
	trojana Kern. & Stapf	
	4n germanica X lutescens	4n = 44
	biliottii M. Foster	
	florentina L.	
	4n germanica X aphylla	4n = 48
	belouinii Boiss. & Cornu.	
	junonia Schott & Kotschy	
	4n germanica X 2n germanica	4n = 36
	4n = 48 germanica X 4n = 44 hybrid	
	macrantha Hort.	4n = 46

As would be expected from the extremely complex parentage, the chromosome numbers of introduced cultivars will vary greatly. Although many of the dysploid hybrids are sterile they can be propagated vegetatively with as much ease as those with "balanced" numbers. We have counts recorded for cultivars that have been registered and introduced of $2n = 16, 20, 22, 24, 25, 31, 32, 34, 35, 36, 38, 40, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 60, 62$ and 63 . There are probably many other chromosome combinations that have appeared but have not been counted.

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AIS AFFILIATES

<i>Region</i>	<i>1988</i>	<i>1989</i>	<i>1990</i>	<i>1991</i>	<i>1992</i>	<i>1993</i>
1	3	4	4	4	4	4
2	1	1	1	1	1	1
3	4	4	3	3	3	3
4	5	6	7	8	8	10
5	6	6	8	8	8	7
6	10	9	9	10	10	10
7	10	10	11	11	11	11
8	2	3	3	3	2	2
9	6	6	6	6	5	5
10	0	0	0	0	0	0
11	1	1	1	1	1	1
12	1	1	1	2	2	2
13	3	4	5	5	5	5
14	14	14	15	15	16	11
15	6	7	8	8	8	8
16	0	0	0	0	0	0
17	13	13	12	14	13	12
18	15	15	17	17	17	18
19	1	1	1	1	1	1
20	2	2	2	2	2	2
21	7	7	7	7	8	8
22	9	10	11	13	13	13
23	7	7	7	8	8	8
24	7	7	6	7	7	7
Total Number of Affiliates	133	138	145	154	153	149

Approved Affiliates for Spring of 1993

Dave Niswonger

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Parsons Area Iris Society

Betty L. Hare, President
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The Pony Express Iris Society

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Wichita Area Iris Club

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Region 20**Elmohr Iris Society**

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Colorado Springs, CO 80919

Loomis Iris Society

Emery Swartzendruber, President
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Rolling Hills Iris Society

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Tulsa Area Iris Society

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Alma Maxwell, President
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Mesilla Valley Iris Society

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New Mexico Iris Society

Kenneth E. Fladager, President
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Pecos Valley Iris Society

Leslie Jobe', President
 3109 Diamond A.
 Roswell, NM 88201

Roswell Iris Society

Elda Keith, President
 607 W. Tilden St.
 Roswell, NM 88201

Santa Fe Iris Society

Maggie Rubino, President
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 Santa Fe, NM 87501

The Albuquerque Iris Guild

Carl R. Hilton, President
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 Albuquerque, NM 87120

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Mrs. Joseph Wallace, President
 319 89th St. N.
 Birmingham, AL 35206

Blount Iris and Daylily Society

Mrs. Dorothy L. Holmes, President
 592 Wildwood Trail
 Warrior, AL 35180

Botanical Garden Iris Society

Rosa Belle Van Valkenburgh,
 President
 4747 Bob Wallace Ave.
 Huntsville, AL 35805

Cullman Iris and Daylily Society

Dorothy Holmes, President
 592 Wildwood Trail
 Warrior, AL 35180

Huntsville Chapter of A.I.S.

Mrs. Jane Desmond, President
 420 Holmes Ave. N.E.
 Huntsville, AL 35801

Marshall Iris Society

John J. Adkins, Jr., President
 200 Pecan Ave.
 Albertville, AL 35950

North Mississippi Lakes Iris Society

J. W. Kuykendall, Jr., President
 Route 2, Box 130
 Oakland, MS 38948

American Iris Society Conventions

1994	Portland, OR	May 21-25
1995	Hershey, PA	
1996	Sacramento, CA	
1997	Detroit, MI	
1998	Colorado	

A TOPICAL COLLECTION OF IRIS STAMPS—PART V

Harry Kuesel (Colorado)
Photos by Bill Ransom

It has been four years since our last report on the search for iris stamps. (See Bulletin 250, July 1983 pp. 41-57; Bulletin 254, July 1984 pp. 47-63; Bulletin, 261 April 1986 pp. 62-72 and Bulletin 270, July 1988, pp. 66-76 for previous reports). In the following listing we will supply the Scott Postage Stamp Catalog, and also those of Stanley Gibbons Ltd. Catalog numbers to assist our readers in finding more complete details on these iris stamps. Photo codes are also given at the end of each paragraph to assist in correlating with the stamp descriptions.

Wendy Roller (Rochester, NY) continues to find interesting iris postal cachets. Ponca City, OK started this right after the Memphis AIS Convention on May 6, 1989 (See photo A), and repeated with another iris cachet on May 20, 1990. Keizer, Oregon followed with its own cachet on May 5, 1990, and Itasca, Illinois featured an iris cachet for its centennial on August 19, 1990 (See photo B).

Koen Engelen (Ranst, Belgium) advised us that the tall bearded iris is recognized as the Royal flower of his country and sent a 12 franc Belgian stamp showing a portrait of King Boudouin and Queen Fabiola on their 25th wedding anniversary and a tall bearded iris flower in the lower right margin (Scott 1215 and S.G. 2862) issued Dec. 9, 1985. (See photo C).

On March 3, 1990 Belgium issued a 3 value floral set for the Ghent Flower show. The 10 franc value shows iris, *florentina* in blue. (Scott 1333 and S.G. 3012) and the interesting iris cachet on the first day cover. I wrote to Koen and asked him if this was a mistake, as I had thought *I. florentina* was always white. He replied that the "World of Irises" indicates that it sometimes is found in blue. (See photo C).

Tommy Thompson (Memphis, Tennessee) found another Liechtenstein postcard in the 50 franc value issued on May 7, 1987 featuring a watercolor by Tini Ospelt showing a purple tall bearded iris. (See bottom photo C).

Tommy also found a 3 franc Monaco stamp issued on October 20, 1988 for their international flower show in Monte Carlo (Scott #1651 and S.G. 1905). This shows an arrangement of flowers in a vase with a purple tall bearded iris—(See photo E).

He also found a 4 value Luxembourg floral set issued Feb. 8, 1988 featuring flowers by the botanical illustrator Pierre J ReDoute. The 50 franc stamp (Scott 783 and S.G. 1222) features iris, *gorteria*, a lavender bulbous variety and the first day cover shows a portrait of the artist. (See bottom photo E).

Tommy's next iris stamp discovery was in the South African country of Ciskei. The 40 c value (S.G. 125) shows the yellow endangered iris, *moraea reticulata* (See photo D). The explanatory card issued with this first day cover says that the genus *moraea* (family *iridaceae*) occurs widely in Africa. *Moraea reticulata* (also called the butterfly iris) is found in the Hogsback, and Katberg Mountains in Ciskei on steep grassy slopes. Although the species *moraea* appears to be very

similar to the true iris, it differs in that the flower parts are not joined to form a tube at the base.

Tommy also discovered a 4 value floral plant set from Tunisia issued on December 29, 1987. The 400 m stamp (Scott 931 and S.G. 1142) shows a blue iris, xiphium which is one of the bulbous species. (See top of photo D).

Another find which came from the Herrick Stamp Company shows a South Korean se-tenant set of four 80 c values (S.G. 1840-1843) featuring a poolside scene showing in iris foliage and *I. laviegata*. (See photo H).

Sidney Linnegar (Woodley, England) found two of the three North Korean stamps referred to in my previous article (Bulletin 270, page 71) The 20 c value illustrates a pink Japanese iris and the 30 c value shows a dappled purple Japanese iris (S.G. N2601-2602). (See middle-photo H). The other stamp in the set—an 80c souvenir sheet has a rose pink Japanese iris in it. (No photo).

On January 25, 1991 Gill Mautner (London, England) advised me that she had joined in the search for iris stamps and recommended a different way to find them. First find the iris in a famous painting in one of the great art museums of the world, and then find the painting reproduced in miniature on a postage stamp. This technique has often proved successful, but the iris which is frequently used in a floral border decoration for a painting is sometimes cropped out. See Photo F which shows the full painting of the Wilton Diptych right panel on exhibit in London's National Gallery. You will note a blue tall bearded iris like flower in the two lower corners, was omitted from the Turks and Caicos Islands Christmas 1971 issue (Scott 241-245). But Gill is not easily discouraged and found the complete painting with the missing irises on Malawi's 1 K issue (Scott 473 and SG 719) issued October 15, 1984. (See photo F).

Gill also found an iris in Leonardo da Vinci's painting called—"The Madonna of the Rocks" which is displayed in the Louvre Museum in Paris. There is a small clump of iris in the left corner of the painting in Italy's 60 L stamp issued in April 1952 to commemorate the 500th anniversary of his birth (Scott 601a and SG 813). Because the iris is hard to see in miniature without a magnifying glass, Gill supplied me a detailed sketch of the left corner which clearly shows the iris, which William A. Emboden has identified as *I. pseudacorus* in his book—"Leoardo da Vinci on Plants and Gardens." (See photo G).

On the same date the free territory of Trieste overprinted the Da Vinci stamp with an FTT surcharge (Scott 145 and S.G. 232) (See bottom—photo D).

Dahomey chose to honor the 450th anniversary of Da Vinci's death with a stamp showing the same painting (Scott C-95 and SG 362). (See bottom photo D). In 1966 Panama also prepared two souvenir sheets showing this same painting in the 10c stamp on the left. (See bottom—photo G).

Gill's next find was two white and a deep purple iris in a vase at the feet of the Madonna in Hugo Van der Goes—"Adoration on the Magi." This is also called the Portinari Altarpiece and is found in the Uffizi gallery in Florence, Italy. A 10 cent stamp (Scott 67 and S.G. 73) was issued October 30, 1974 by Penrhyn Islands showing this painting (See photo H). This also appears in Antigua's \$1 stamp issued June 23, 1980 (Scott 576 and S.G. 655) and Barbuda's overprint (S.G. 655) of the same stamp on the same date. (See photo H).

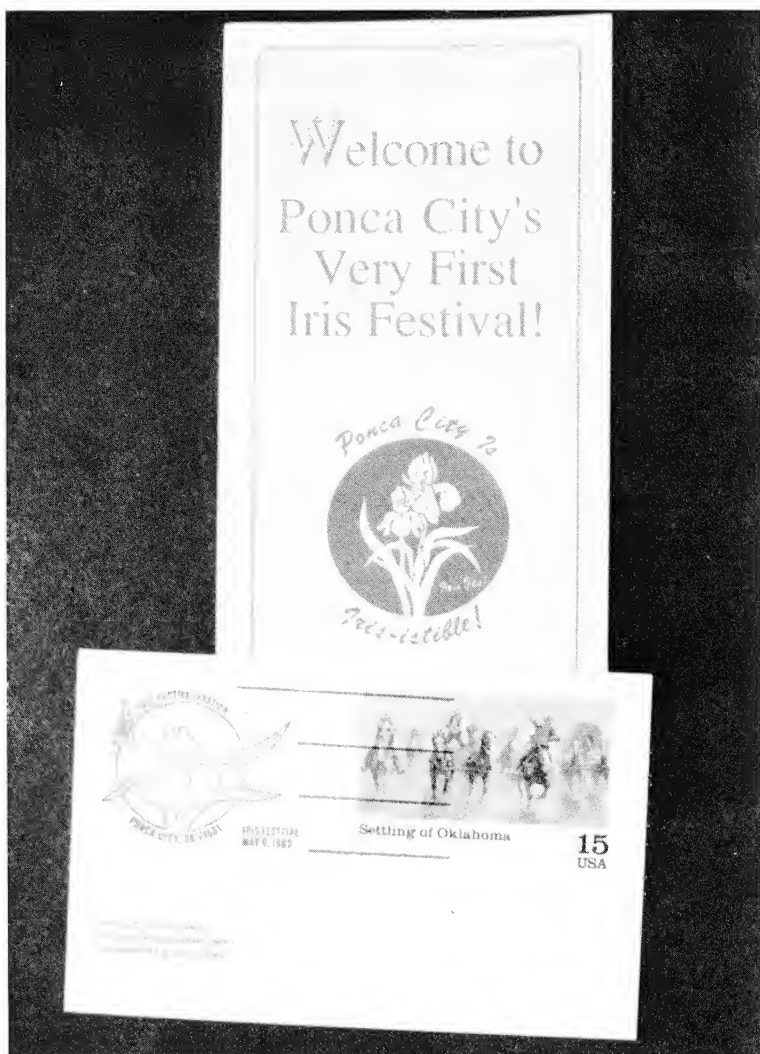


Photo A



Photo B



Photo C



Photo E

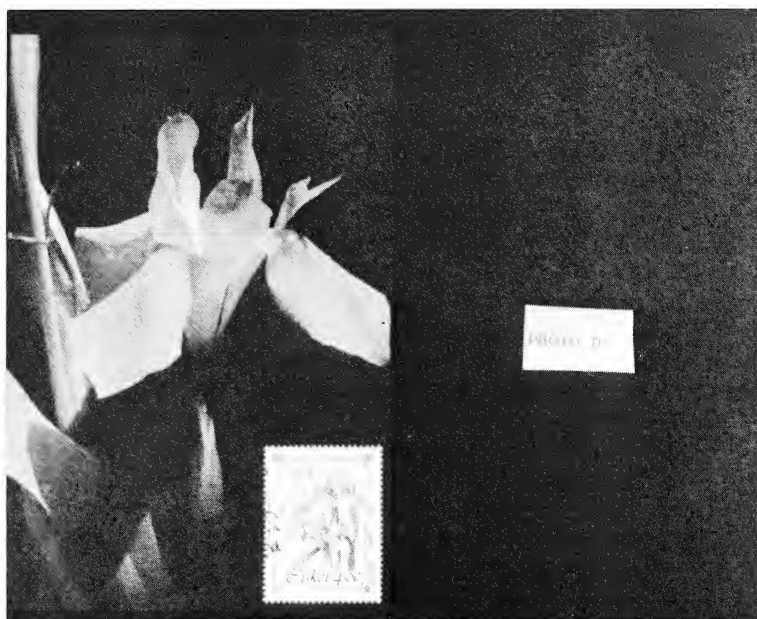


Photo D

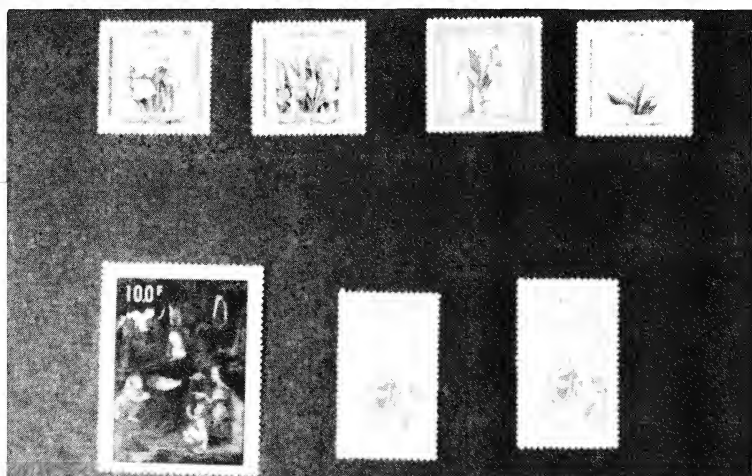


Photo D

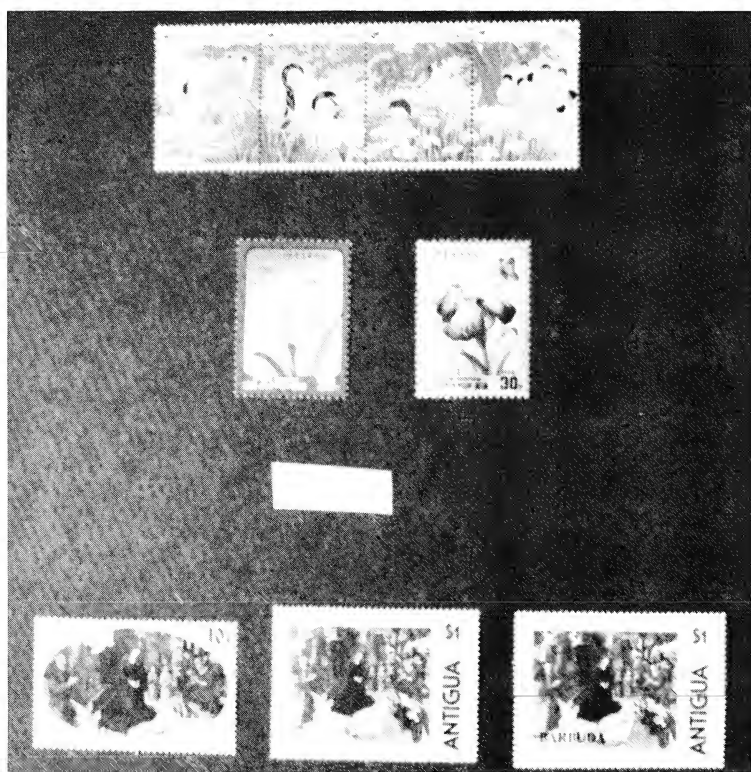


Photo H



Photo F



Photo G

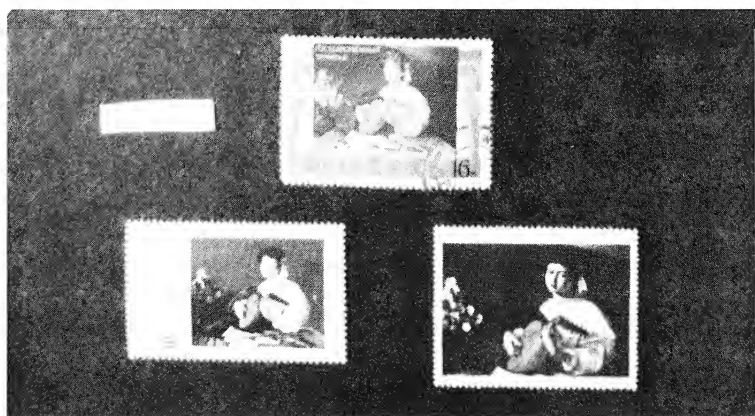


Photo G

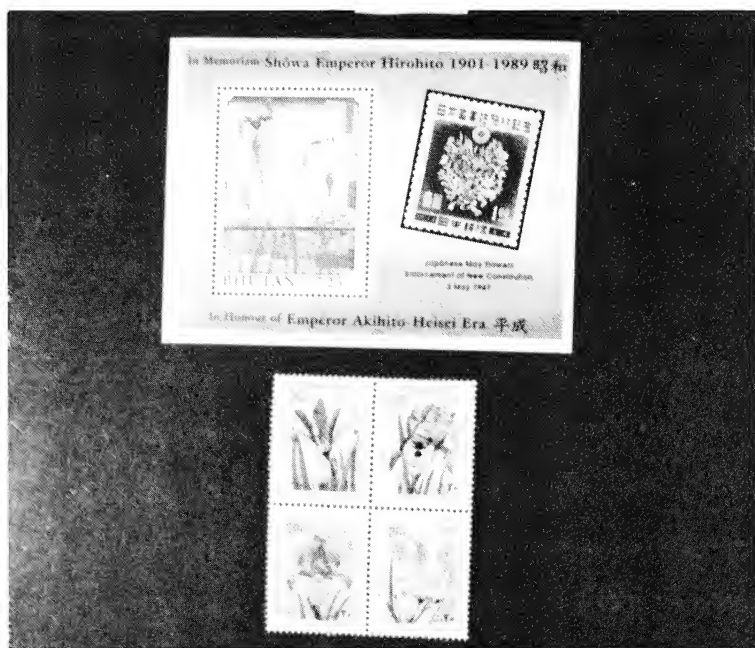


Photo J

The next painting Gill discovered has a yellow tall bearded iris in the left center. This is Caravaggio's Lute Player which is among the Art Treasures of the Hermitage Museum in St. Petersburg, Russia. This appears on a 16K Russian stamp issued on Dec. 29, 1966 (Scott 3294 and S.G. 3381)—(See photo G). Another copy of this same painting appears in Albania's 10g stamp issued on Sept. 28, 1973 (Scott 1520 and S.G. 1610) and in Panama's 10c stamp issued September 11, 1968 (Scott 488c). (See photo G).

On March 21, 1990, Bhutan issued a 24 value painting set in memory of Emperor Hirhoto, and the enthronement of Emperor Akihito of Japan. A 25 nu. souvenir sheet (Scott 860) contains two stamps—one showing a view of the Japanese irises in the Horkiri Iris Garden and the other showing a copy of Japan's first iris stamp issued in 1947 (the iris in a bouquet of spring flowers). (See photo J).

On March 18, 1991 Iran issued a 4 value set to honor the new year. These 4 stamps all depict irises which are native to that country—*i. lycotis*; *i. meda*; *i. spuria* and *i. demawendica*. (Scott 2443 a-d, and S.G. 2601 and 2604). (See photo J).

Gill and I have made several additional iris stamp discoveries which await confirmation in the Scott and Stanley Gibbons (S.G.) stamp catalogs. These will appear soon in a subsequent article in the Bulletin.

Ed. note: Harry Kuesel welcomes your correspondence on any new additions to the iris on stamps list. His current address is 4 Larkdale Drive, Littleton, CO 80123.

SHORT ITEMS OF INTEREST

MISSING BULLETINS

If your AIS BULLETIN does not arrive within a few days after your neighbor's all have received their copies, contact Jeane Stayer, 7414 East 60th Street, Tulsa, OK 74145. Do NOT contact the editor, membership secretary, or publication sales director. This merely delays the delivery of replacement copies.

NAME CORRECTION

Mary Dunn's blue iris with the striking white spots which was labeled City Limits in some Fort Worth gardens is actually named CITY LIGHTS.

GARDEN STAKES

Dorothy Howard in Tulsa has discovered that 15-inch outdoor lawn light stakes are perfect for staking irises which have trouble remaining erect. They really work!

SEEDLING PATCH SURPRISES— ARILBRED STYLE

Sharon McAllister - New Mexico

Along with the rewards expected from planned crosses and the inevitable disappointments that “come with the territory” when working with exploratory crosses, the seedling patch always seems to produce some nice surprises.

From the World of Quarterbreds

I experimented with quarterbreds when I first started hybridizing and OPALS FOR ETHEL, a classic type from CAPITOLA, was my first introduction. That said, the story of my current quarterbred lines—quite unlike classic quarterbreds—began with my experiments using the late Gene Hunt’s pink plicatas. He believed that they could act recessively when crossed with arilbreds to allow more aril characteristics to show through and I proceeded to test that theory.

Although growing TBs is something of a challenge with my garden conditions, the late Col. Gus Seligmann grew some of these as guests and together we did manage to obtain a few seedlings from them. As you might expect, most were quickly rejected but a few did have more of the aril “look” than we’ve come to expect from quarterbreds. In fact, I must concede that the quarterbred plot has really been visited by Lady Luck. Two have now been introduced, and four more were lined out for introduction in 1993.

One of the first crosses that we made was PAISANO X EL CORONEL. The one I named SWEETNESS AND LIGHT was all we hoped for—an outstanding seedling among a number of unremarkable sibs. It has smooth amethyst violet standards and ashes of roses falls, with a form that is more rounded than that of most quarterbreds. It held two surprises: an oxblood-red “signal” surrounding a deeper oxblood beard and an unusually strong, sweet fragrance.

JOINT VENTURE, which I introduced in 1992, was a breeding breakthrough—a surprise in every way. The flower is virtually indistinguishable in appearance from that of a typical halfbred, so much so that if it had not come from carefully controlled experiments using the TB as the pod parent I would have questioned whether the cross might have been contaminated. It has classic halfbred form, with amethyst-violet standards and grayed yellow falls flushed red-dish-grey. The beard is brownish-black, tipped deep reddish-black. Although it does not have a distinct signal, it does have a triangular-shaped, near-black underlay around the beard that fades away as it spreads out over the fall. The name? It came from a cross that I made between a Hunt pink plicata seedling that Gus was guesting and the seedling that he later introduced as EDITH SELIGMANN—so its production was truly a joint effort.

Intrigued by JOINT VENTURE’s appearance and abundant pollen and encouraged by Lin Flanagan’s experiments with crossing quarterbreds back to halfbreds, I crossed my fingers and proceeded to test it with halfbreds. To my further surprise, I found it to be fertile both ways. Although the germination and

seedling-survival rates are not as good as those of halfbred x halfbred crosses, the overall fertility is much greater than that of any other quarterbred I've tried.

I've obtained a respectable number of seedlings from it, with different mates, and selected several of them for introduction. The results: an interesting set of offspring, most of which look very much like halfbreds, are stronger growers than most quarterbreds, but exhibit no fertility. There are a few notable exceptions, with characteristics intermediate in nature between the classic quarterbreds and halfbreds. These, too, have been completely uninterested in parenthood.

Of the half-bred lookalikes, #89-12-7 is my favorite so far: a near-self of light brown with a slight violet tint. It's a real challenge to describe because it changes hue with changing light conditions. Too light to be called burnt sugar. Not quite cocoa, either. Perhaps mocha? Of the intermediate types, I particularly like AT LAST: white standards with fine violet veins around the edges; buff falls with an intense net of mulberry veining around a mulberry beard, fading out toward the edges. It strikes me as intermediate in form because the flower has a bit more ruffling and flair than the typical halfbred. Yes—these two are not only sibs, but by sheer luck ended up in adjacent positions when first lined out in the seedling bed. One of the predictable happenings in the seedling patch is that some crosses yield nothing worth saving, while a very similar cross produces several notable candidates. The element of surprise: exactly which one of a group of similar crosses will provide the payoff?

I was unable to follow Gene's practice of line-breeding recessive Tall Bearded for use with arilbreds because I couldn't grow TB seedlings to bloom size under my garden conditions, so I expanded the experiment to include varieties from other hybridizers. In addition to the original pink plicata pattern, I tried some bicolors, bicolor-plicatas and plicata ices. Enough of these seedlings have now bloomed to convince me that this approach is promising—but not nearly enough to exhaust its possibilities. Sometimes the plicata pattern from the TB parent has combined with the veining from the arilbred parent to produce a plicata-like pattern in the offspring. The conventional belief has been that a true plicata pattern doesn't occur in arilbreds—and I don't mean to challenge that idea. In my experience, when the pattern appears in an arilbred it exhibits some characteristics of both recessive and dosage-controlled traits. That is, the presence or absence of the pattern seems to be recessive, but its appearance can range from faint, delicate edge-stitching to prominent veining that covers all but the center of the petal. Sometimes plicata-like seedlings that sibs with the full-veining pattern often found in halfbreds. I therefore use the term "plicata" to describe the appearance of the pattern—not its genetic basis.

For example, OLD FASHIONED GIRL is an approach to the classic plicata pattern. The ground color is clear white. On the standards: fine violet veining is most concentrated around the edges and almost fades from view at the base of the midrib. On the falls: intense violet veining flanks a violet beard and fine veins extend over the outer fall, fading out in the center and intensifying around the rim. This one has a rather complex pedigree: (((KALIFA BALTIS x KALIFA GULNARE) x ESTHER THE QUEEN) x TUESDAY SONG) x ASHA MICHELLE). This is not an isolated occurrence. Sibs of the pod parent have also produced seedlings with similar patterns and I predict that the pattern itself will

become much more common.

The pattern of DREAM CATCHER (from KOKO KNOLL X ASHA MICHELLE) is more intricate. It looks much like a “bicolor-plicata.” Clean ivory standards set off yellowish- ivory falls with intense mauve veining that flanks the beard, then encircles the outer portion of the fall and diminishes as it approaches the tip of the fall. The center of each fall is clear, except for a “signal line” at the tip of the beard.

The ones I’ve called the Serendipity Series¹ are another product of this experimental line. To digress a bit, I chose this name because serendipity is defined as the apparent aptitude for making fortunate discoveries by sheer accident and these came as a very pleasant surprise—but I believe that serendipity is actually the ability to take advantage of whatever luck may come along, and that good planning and thorough preparation are the keys to its manifestation. In this case, it was the fortunate combination of solutions to separate problems that I’d encountered. I won’t repeat the whole story here, but just answer a few questions that have cropped up in response to the original article and report on some of the seedlings in this line that have passed through the evaluation and selection process.

In this case, I used a bicolor TB pod parent (SOSTENIQUE) and an arilbred pollen parent with a prominent signal (TRIBE OF JUDAH). In general, their form is almost that of moderately ruffled TBs: billowing standards and very wide, flaring falls. They range in color from white, through ivory to blue and deep violet, and from pale yellow through golden yellow to deep brown. In some cases, the standards and falls are matching, but usually they’re contrasting. The distinguishing characteristic is that almost all have some type of signal spot. Some have large, solid spots of contrasting color, while others merely have spots where the color of the falls is more intense. A few have veining in the signal area.

MAGNIFICENT OBSESSION, from (SOSTENIQUE X TRIBE OF JUDAH) will be the first of the solid-signal type of this series to be introduced. It has pewter standards, with a slight flush of orange-rust along the midrib. The falls are rust-colored, shading to orange rust at the haft, with a faint violet blush over the outer half. At the tip of the beard is a large brownish-violet spot—larger than the signals found on most halfbreds. This one is so unusual that it really stops the garden visitors in their tracks. All of this, and an exceptionally strong plant. Some would even say “it grows like a weed.”

The most unusual seedling from this cross has a sky-blue halo pattern on white ground, with a small sky blue signal. Unfortunately, the plant is very slow to increase and twice has almost bloomed out—but I hope to obtain this pattern again on a better plant.

A sib, VIVACIOUS VI, will be the first of the prominent-veining type to be introduced. It is a strong grower, but it’s more like a conventional quarterbred in appearance. The standards are very pale pink—so pale that they look almost white—and have an orangish flush along the midrib. The falls are a medium violet, regions of orange-rust on white veining radiate from a yellow-orange beard. The signal spot is quite subtle: a thumbprint-sized spot of slightly darker violet. Its greatest asset is a wide, flaring form. The pattern is so intricate that it has to be viewed up close to be fully appreciated, but that’s not necessarily a liability.

These bloom near the end of the arilbred season, so they have a better chance of making it to the show bench.

In summary, the quarterbreds are proving to be a fascinating group to explore. Some are interesting because they provide a great deal of information. The things they reveal about the genetics of arilbreds is extremely valuable for future work. Others are interesting in terms of their garden or show potential—these are the ones still going through the evaluation/selection process.

From the World of Arilbredmedians²

One of my current obsessions in linebreeding arilbredmedians from stock obtained by crossing arilmedian halfbreds with conventional C.G. White type halfbreds. These are therefore one-quarter TB, one-quarter median, and half aril. They continue to show consistency of size and form, but more colors and patterns are now appearing. The best of these look like scaled-down halfbreds, about 15" to 21" tall with proportional flowers and branching. Of course, they aren't completely uniform. Some have been eliminated because of their disproportionately large flowers.

Some look more like quarterbreds. BUTTERSCOTCH BABY and BAYBERRY BABY are good examples. I'd wish for more aril characteristics, but BUTTERSCOTCH BABY won a special place in my heart with its exceptionally long bloom season and BAYBERRY BABY is the closest thing I've seen to the color of the old TB, BAYBERRY CANDLE.

Culturally, they tend to be much easier to grow than most arilmedians and arilbredmedians and bloom more reliably. Perhaps they require less chilling—I've noticed that bloom is quite sparse on both the medians and arilbredmedians after an exceptionally mild winter. They can take our near-zero temperatures when they come, and they can also take full sun better than most. My theory is that this is at least in part attributable to the screening effects of the climate in Southern New Mexico—only the strongest can survive to bloom size here. I've noticed that the survivors do tend to have exceptionally deep roots when compared to typical varieties of this type.

For example, INVASION FORCE was named for its aggressive growth habits. Less than one year from germination, it had put up 18 increases. It was selected for introduction, however, because although it may grow like a weed it certainly doesn't look like one. Pale silvery blue standards, soft yellow falls flushed with burgundy with a burgundy line extending into the signal area from the tip of a yellow beard.

This group is valuable because it extends the bloom season and gets a jump on spring, but there aren't yet very many varieties that do well in all parts of the country. To growers in New England, I still recommend the Gadd varieties—and to growers in California, I suggest starting with California introductions. But I expect my "babies" to extend the selection of varieties that will do well for growers in the heartland. Although fertility isn't as good as I'd like, it's certainly better than I expected and I'm convinced that the line is viable. I've started experimenting with outcrosses to both eastern and western varieties, in hopes of

extending adaptation to various climates and adding more aril characteristics, and expect to have the first bloom this spring from resultant seedlings.

From the World of Halfbreds

As you might expect, the halfbreds are much more predictable—but not completely so because I like to work with recessive lines and have a particular fondness for the nested recessives. When I first started growing arilbreds, I noticed that some had a luminous quality on cloudy days. Pedigree analysis led me to identify two varieties as the source of this trait: ESTHER THE QUEEN and DOVE SONG. At least one of them appears in the pedigree of every variety in which I noted this trait. Sometimes both appeared, often one appeared more than once. This was intriguing, something to explore to learn more about iris genetics and pigmentation characteristics, but not something I was readily able to exploit. Instead of increased luminosity, my initial experimental crosses resulted in some smoky tones.

I suppose it goes without saying that when the seedlings are in bloom I spend as many daylight hours in the garden as possible. The next discovery in this line, however, hinged on a long day at the office that extended into the late night. It was well after dark when I got to the garden, and, although the moon was shining, I expected to be evaluating seedlings by flashlight. As I got out of my car, however, I spotted a pale silvery white orb in the seedling patch. Too impatient to take the time to get a flashlight, I immediately picked my way through the garden to check it out. You can imagine my surprise when I found that the “white” was actually a deep blue-violet.

That was the first of my “ghost” series. No, it wasn’t introduced because it’s not a strong enough grower, but it did inspire more work with the type. GHOST DANCER, which I introduced in 1992, is similar. By day it is an elegant violet bitone with wisteria standards and smokey amethyst falls but as evening falls that glowing-in-the-dark quality really commands one’s attention. Although the luminosity isn’t noticeable in full sun, it can be seen on cloudy days. I think that this must be an ultraviolet pigment, because of the way these varieties respond to the camera.

Many years ago, I fell in love with one of Gene Hunt’s selected seedlings: a pastel confection with pale silvery blue standards over pale buff falls. Unfortunately, it was very slow to increase so I didn’t introduce it—but I’ve been trying to duplicate that flower on a better plant ever since. A lot of pastels are now coming along: white, ivory, pale yellow, pinkish, and combinations thereof. To my delight, pastel flowers do not necessarily have pastel beards. Imagine a pale primrose yellow self, with reddish-black beard. They also lead to studies in contrast, like near-white standards, pale yellow falls, and large burgundy spot around a burgundy beard.

Some of these are now ready for introduction. WHITE CHOCOLATE is a white chocolate self with a dark chocolate beard. Unlike some of the older whites, it has the classic halfbred “look.” The “plicata-like” pattern has also cropped up

repeatedly in the halfbreds. Sometimes it takes the classic form. Sometimes it combines clear standards with plicata-like falls. Sometimes the pattern appears on both standards and falls, but in different colors. FORTUNE'S FANCY is one of the latter, with white standards veined pinkish violet and yellow falls veined rust-violet. One of my favorites is as yet unnamed: white standards veined reddish violet and falls veined reddish black.

At the other extreme, I've been working for bright colors that are more sunfast—quite a challenge in southern New Mexico. Currently undergoing final evaluation are intense red-violets, blue-violets, and dark browns. The hybridizer's version of Murphy's Law, which says that the best flowers appear on the worst plants, certainly holds true for my blacks. One is so dark that the bud looks like patent leather and after several days in full sun is still a very dark blue-black—but the plant isn't good enough to introduce. The best of these so far, a deep plum-purple, has been named for HERB McKUSICK.

From the World of Near Arils

Lady Luck has also visited the triploid patch. For some years I've been experimenting with the triploid route for injecting new aril genes into our halfbred lines, starting by testing available varieties for fertility then making my own crosses between the diploid arils and halfbreds. Although none are as fully fertile as conventional halfbreds, I was pleasantly surprised to discover that enough of my seedlings have exhibited some fertility that I've been able to make selections based on fertility as well as growth habits and flower characteristics.

ENGRAVED INVITATION, for example, fascinated garden visitors while it was being grown under number. It's a four-color "plicata" with white standards stitched with violet; yellow falls stitched with rust. And classic rounded "onco" form. A sib, DELICATE EMBROIDERY, has an amethyst ground with traditional delicate veining. Both are unusually fertile for the type and although it's too soon to have fully explored the potential of their offspring, the first of their seedlings have bloomed with great promise.

The tetraploid patch has held the most surprises. Textures range from satin to velvet, patterns from smooth to intricately veined. The color combinations range from conventional to unorthodox. INSCRUTABLE is sedate: blue-violet standards; pale violet falls with deep violet veining and dotting that is so heavy that it appears to be almost solid; small violet-black signal spot—and a heavy smokey overlay. THINGS TO COME is elegant: satiny pale lilac standards with golden veining and plush velvet falls of deep ruby red. One of the most unusual combinations, however, will be introduced this year as DARINGLY DIFFERENT: standards are a satiny pale lilac; falls have a white-lilac ground with heavy violet veins that radiate from a large velvety purple signal; and a golden tan halo accents both standards and falls.

Finding a new pattern or color in the seedling patch is fun—especially spotting something like last year's surprise of a seedling with an emerald green beard! But in terms of future potential, the most interesting surprises have been the breakthroughs in fertility. REBEKAH'S VEIL was the first tetraploid 3/4-bred that produced seedlings for me, although it is only limitedly fertile. As important as

some of those offspring were (like the first “ghostly” seedling I found by moonlight), even more important was the world of possibilities opened up to me through the experiments that it inspired. So far, three of my seedlings from these experiments have proven somewhat fertile. Others have produced seeds, a few of which have germinated, but if the seedlings don’t survive to bloom size I don’t think they really “count.”

The one I consider my greatest achievement is WHIRLWIND ROMANCE. It’s not only a striking garden subject, but it’s also an extremely potent pollen parent. Occasionally, it even deigns to set seeds. A large flower with globular form, it has pewter-grey standards and brass falls with a burnt-orange signal—and transmits that beautiful form and excellent substance to its offspring. Fortunately, it throws a variety of colors with different mates. Just a few examples: greenish brass and brown with KOKO KNOLL, pinkish yellow with SUNRISE IN GLORY, deep reddish-brown with RED EARTH, lavender and green with MY JOY. In short, as a parent WHIRLWIND ROMANCE surpasses what I was hoping to accomplish through the triploid route, with the added benefit that all of its offspring that I have tested have proven to be fully functional as halfbreeds.

The World of the Future

. . . will bring its own surprises. When I started hybridizing seriously and systematically—as opposed to my earlier fun with pollen daubing—I had some clear goals that I wanted to attain and some ideas I wanted to explore. But I could not possibly have predicted the surprises that have cropped up in the seedling patch over the years. I still have unrealized goals, like tangerine pink arilbreeds, and ongoing programs to reach those goals. I can confidently predict improvements in gardenability. I can foresee quarterbreeds with flowers having more aril characteristics and 3/4-breeds with plants having more TB traits. I can guess that some of the colors and patterns now hard to obtain will become commonplace.

But I can’t imagine what other surprises are in store for us. Can you?

Notes

1. If you want to learn about the origin of this line, see “The Serendipity Series” in the Bulletin of The American Iris Society, # 284, January 1992.

2. If you want to learn about the origin of this line, see “In Quest of Fertile Arilmedians” in the Bulletin of The American Iris Society, # 274, July 1989.

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The road to the award of the F.C.C. is long and hard and irises will only achieve it if they can prove themselves as outstanding plants for the garden and exhibition over a number of years. Only a handful of irises will win an F.C.C., perhaps one or two each decade. Recipients cannot be, therefore, the latest novelty or fleeting exotic, but must be tried, tested and true.

In order to start on the road to F.C.C. an iris needs to be selected for trial (S.T.) at Wisley. For this to happen a stem or plant of the iris is presented to the Joint Iris Committee (J.I.C.) who make a detailed analysis of the plant as presented to them, eg. branching, bud count, form, colour and so on. Assuming the plant passes muster 3 rhizomes are planted at Wisley in the trial grounds and the plants are then evaluated 3 years later in much the same way as plants are evaluated in Florence or at other trial gardens around the world. At this time all those irises which were selected for trial three years before are marked not only for the criteria which enabled them to be selected for trial in the first place but also for garden worthiness.

Features such as growth, vigour, increase, foliage form and colour, stem count, disease resistance and flower form, number and presentation are all assessed. If the plant is lucky it will receive a Commended or Highly Commended certificate. Three rhizomes of such plants are replanted for a further 3 year trial. All plants failing to receive such certificates are eliminated from the trial. At the end of the second 3 year trial the plants are assessed again using the same criteria but a bit more strongly applied. The extra good irises would then normally receive an Award of Merit (A.M.) and again three rhizomes will be replanted for a third 3 year trial with those not making the grade being discarded. At the end of the third trial, normally some 9 years since the start, the ultimate great irises of the decade are chosen and given F.C.C.

The RHS is not concerned with plants which are here today and gone tomorrow. It is not there to promote individual flower society's latest and most fashionable offerings. It is there to recommend to the general gardening public plants which they can confidently expect to perform, given reasonable care and attention, in anybody's garden. They do not dish out awards carelessly and frivolously. BROWN LASSO now joins that select band of immortals in the iris world which have received F.C.C.'s such as JANE PHILLIPS, DANCER'S VEIL, STEPPING OUT, and SUN MIRACLE to name just four which anyone could confidently

recommend to the person who wants a few irises in their garden rather than to the committed irisarian. Obviously the RHS refers primarily to Britain and British conditions and is, therefore, not universal or infallible, but generally speaking an iris which will put up with conditions in Britain will do, not badly, in other temperate climes. Some milder spots may not have sufficient cold for them to grow as well as they do elsewhere, but F.C.C. is a pretty good guide.

It is amazing to think that BROWN LASSO nearly didn't make it at all. If Gene Buckles hadn't hybridized it and Dave Niswonger had not grown on the seedlings after Gene's death and then made the selection, there would probably have been no B.B. Dykes medal winner and still no B.B. with an F.C.C. to its name. Congratulations and thanks are due to Gene and Dave for giving us such a splendid garden iris.

CONTEMPORARY VIEWS *MEDIANS*

Perry Dyer (Oklahoma)

Miniature Tall Bearded: ASTRA GIRL (T. Varner '90) is a pert, perky solid white, contrasted with a bright, prominent yellow beard. Dainty flowers in perfect proportion with the thin, graceful, well-branched stalks. BELLA VEE (Fisher '91). Smooth medium yellow with a deeper yellow beard. Nicely shaped oval falls. Superb branching, with 3 branches (double-socketed), precisely placed up and down a gentle S-curved stalk. Purple-based foliage is narrow and in proportion. DESERT STORM (T. Varner '91) is a cleverly-named variegata-type with sand standards and brick to blood-red falls with a nicely-contrasting bold bronze beard. A nice velvet sheen pulls the colors together. My favorite MTB this year was LADY DI (T. Varner '89), a smooth, royal violet, almost a complete self, with superior form and substance. The beards are just a touch lighter. Magnificent proportions. LADY OF MARIETTA (T. Varner '88) is a soft butter yellow to burnished gold, somewhat lighter than the great CHICKEE (Dunderman), and with more creamy-white in the center of the falls. In cooler weather it displays a non-offensive cast of orchid in the falls, which clears up after a day in the sun, if the temperatures warm up. The flower form is tight and compact, with horizontal falls and nicely shaped standards. The finish has a diamond-dusted texture. Superb stalks and bud count. OZARK EVENING (Fisher '91). Here is the pink tet MTB we've been waiting for. It has the clarity of color of PUPPY LOVE (even prettier), the quality in branching and plant habits of ABRIDGED VERSION, and form that beats them both! OZARK EVENING retained its daintiness and charm, even in rich new-to-irises soil in Blanchard. 91-10 (K. Fisher) will hopefully be a future introduction for Kenneth Fisher. It looked very good, not only in Blanchard, but other Median Spree gardens and in the Fort Worth convention gardens. A tight, sound neglecta, with the standards so deep that it is nearly a blue-black self. There are just a few white "MTB" lines at the hafts around the beard that add charm rather than distracting. Superb substance. In very good proportion, including the foliage.

Border Bearded: ALVA (Hickerson '91) was the great surprise of the year in this class. Hybridized by the late Alva Hickerson from Tulsa, and introduced by his widow, his namesake has done him proud. Quality through and through. A luscious chocolate-brown-on-pure-white plicata, with the form and knock-em-dead show stalks branching from its famous parent, the great PICAYUNE. Slender, graceful stalks carry 3 branches, double socketed, and have 3 rounds of opening 2 or 3 at once. Color saturation is deeper than PICAYUNE, and the color more brown than copper. It also opens better than its parent, yet retains that tight, compact look that is so classy. Strong, healthy plant habits. CHAPTER (Innerst '89) was well within the class restrictions in "overgrown" Texas convention beds. Remindful of the beautiful small-tall, SAND AND SEA (B. Jones), it has softly-toned tan standards atop satin-smooth orchid falls, banded with the standards' color. There is almost a deeper orchid "balkana" flash below the yellow beards. Tight, blocky, compact form with good stalks and plant habits. MAUI MAGIC (Aitken '91) is another fine release of the "Maui" series from Terry Aitken, a nice complement to an earlier release, the billowy surf-blue, MAUI SURF. This one is a diminutive version of the great ORBITER or GYRO (Aitken), and has a silky glow to it. Not as heavily ruffled, emphasizing the compact form. Perfectly in proportion for me in Blanchard, but I did see it blooming out of proportion in a couple of other gardens. Either way, BB or small-tall, an exciting new iris. MINTAKA (Hummel '91) was as good in the Fort Worth convention gardens as what we saw in the Omaha convention gardens a few years ago. Palest blue with chalky white falls, lightly infused pale blue. Powder blue beards. Open, strong standards to let you see the deeper blue heart of the flower (in the stylearms). Moderate to heavy ruffling. It displayed 3 branches with good spacing, double socketed. SHRIMP BOAT (Gatty '92) was pushing the limits in the rich Fort Worth convention gardens, but had a daintiness and compact look to it to verify its validity in the BB class. A different shade of shrimp pink, with exquisite coral to orange beards. Moderate ruffling, and a superb stalk. SPITFIRE (Hager '92). A tight, compact flower with moderately heavy lace and ruffling. It's like an "albino PINK BUBBLES," with a very-nearly-true-pink beard. Excellent show stalks and average to decent vigor and plant habits. One of the most fun irises in Texas was the new BB, TINK (Durrance '91), colorful, with innovative combination of colors. Standards are pink lemonade- pink; falls are amber with yellow in the center (very much like a burnished TULARE (Hamblen) in the color and shape). Bright orange beards. Looked like two different flowers had been dissected and glued together—we've never seen a color combo like this before. But it works, and I'm hooked! Simple, thin stalks with 2 branches, double-socketed. Beautiful purple-based foliage with the vigor and health of TULARE. Watch for this one! Byers D162-1-B. Clean smooth palest blue, contrasted with a deep spectrum to indigo blue beard. Remindful of a scaled-down SONG OF NORWAY, with show stalks having 3 branches and spur. Domed standards and flaring falls. Two well-spaced branches on stalks that remained in class, as did the flower size. Slender foliage. Innerst 3267-1 was also looking good in Texas, and amazingly stayed in class in both gardens viewed. A compact, ruffled and laced tangerine-orange with deep orange beards, very colorfast and showy in the hot Texas sun. Decent growth, with 2 well-spaced modified candelabra branches.

Intermediate Bearded: APOLLO'S TOUCH (Nichols '91). Dazzling clean yellow amoena, with pure white standards with just a touch of yellow in the midribs and brilliant yellow falls, with the intensity of color of the TB, NEUTRON DANCE (Blyth). Nice wide form with just a hint of ruffling. Outstanding plant habits with clean healthy blue-green foliage. COME SEE (Ensminger '92) was one of the more interesting new IB's seen this year. A broadly formed pure white plicata, distinctly edged in silvery blue to steel grey, and then an intriguing *indigo* blue beard—never seen before in a median plicata. A vigorous grower with plenty of increase. DARK WATERS (Aitken '92). Gracefully waved and ruffled deep blue-violet with contrasty bronzed-brown beards, similar to those of the older TB, INTUITION (Ghio). A very attractive look. Superb substance. Some of the best plant habits on the place, with lush but not coarse purple-based foliage that is most healthy. Exhibited the potential for being an outstanding show iris, opening multiple blossoms, yet having plenty of back-up buds. FLIRTATIOUS (Willott '92). Similar to the SDB, BALLET SLIPPERS, in its color, but has a bright orange beard for contrast, as is found in the TB, ELSIEMAE NICHOLSON (Corlew). HOT SPICE (Aitken '89). A variegata-plicata with burnished gold to bronze standards and cream-based falls heavily stitched in an intense red, copper, and brown patterning. The color in the falls has more red in its makeup than HOT FUDGE, but not as deep in tone as Gatty's new BROADWAY BABY. Remarkably sunfast in the blazing heat. It has a nice lilt to it, with horizontal falls to showcase the colorful falls.

MASTER SLEUTH (Nichols '93). Standards are blue-violet with deeper midribs, marbling out to lighter blue at the edges, giving the appearance of a halo. Falls are horizontal, nicely shaped, with moderate ruffling. They are deep orchid-lavender, with a lighter edging in blue. Although technically a neglecta, the hafts show its plicata heritage but are not coarse or offensive. Light blue beards blend in nicely. MORNING SHOW (Ensminger '88). A clean, cheery *cherry* red, with a deep brown beard that approaches black. Outstanding substance and sunfastness, with show stalks supreme. A strong grower, with the only complaint being that it bloomed a bit heavy in every garden seen. The color has excellent carrying power in the garden. OBLIGATO (Stahly '88). An unusual shade of creamed-orange sherbet (not neon flash like some of the new ones), then accented with a medium orange beard. Tight, compact form, and thin, graceful stalks, with 2 well-placed branches, 4 buds. Slender foliage is not too tall. Good proportions overall. ORANGE PETALS (Niswonger '91). A smooth, rich orange from the great parent, MARMALADE SKIES, and like its parent, shows just a hint of being bitoned, with the falls a shade deeper than the standards. Clean healthy foliage and sturdy stalks. The bud count has the potential for being very good, again inherited from MARMALADE SKIES.

PINK EMPRESS (C. Palmer '90). A nice shade of rich medium pink. Standards open but held. Falls horizontal, nicely shaped, with undertones of apricot and cream, and then deeper amber shoulders. Bright orange beards. Good growth habits. ROYAL GOSSIP (Nichols '93). Colorful plicata, with rich wine-purple standards, almost completely saturated. Clean white falls, also almost completely covered with wine-purple stitching (banded). Good plant habits. One of the deepest plics in the IB's today. SMITTEN KITTEN (Aitken '91) is a pastel pink

amoena with impeccable form and substance—subtle coloring rather than drab or washed-out. Lush blue-green foliage. One of those that is surely difficult to capture on film—it is much prettier than its pictures. TETON VALLEY (C. Palmer '92) was the best of the new IB's seen this year here. This is a blocky, refined burnished saffron gold, slightly bitoned with an even deeper beard. The hafts are so wide that they touch, yet it is architecturally sound and pleasing to the eye. The plant habits are a vision of health. Show stalk branching. The texture is a velvet pile, very rare in this color group. TROPICAL PEACH (Willott '92). Solid peach standards; pinker falls blushed peach at the shoulders. A mellow coral beard. Standards are upright and well held; the falls wide but simply formed. Nice color combination.

Standard Dwarf Bearded: BALLET SLIPPERS (Willott '87) was one of the better "pink" SDB's. A remarkably clear pink with self beards, decent form, and superb substance. Does *not* overbloom, as some SDB's in this color class do. CHEERFUL ANGEL (Nichols '93). Clean and pert, reminiscent of the old classic, SPRING BELLS (B. Jones). Open, nicely held standards in lemon-yellow. Ivory-white falls, diamond-dusted and imprinted with a small thumbprint in lemon-yellow at the shoulders surrounding the beards. Horizontal falls with moderate ruffling. CHOCOLATE CUPCAKE (Jeffries '89). One of the surprises for the year. A rather tall, but smaller-flowered brown two-tone, with honey-brown standards and bright rich chocolate falls, edged 1/4" in the standards' color. At the top of the class in height, with 2 well spaced branches above the bulk of the foliage 4 to 5 buds. Simple oval shape with flaring falls and good substance.

ERIN NICOLE (W. Jones). A high-quality median from the hybridizer who gave us MICHAEL PAUL and AVANELLE. This is a warm ivory with creamy yellow undertones, with a bit more yellow showing at the shoulders and a hint of a band on the falls. Good presentation in form, with open, well held standards showing an inner glow of ivory styles. Horizontal falls, gently waved. Crisp substance. A smaller-flowered SDB with proportionate foliage and graceful 11" stalks. EVENING HUSH (Nichols '89). Magnificent deep violet with even deeper spot around deep violet beards. Horizontal falls, so heavily substantiated they sometimes bounce back up! Heavy, nicely placed ruffling, with well held standards and rounded falls. The whole flower is embossed with a silken sheen that makes the flower glow. Good plant habits. FERN'S DELIGHT (C. Palmer '89) Smoky lavender-blue standards. Much deeper falls, more orchid in their makeup, then heavily marked with deep violet texture veining throughout (elegant, not coarse). Pattern remindful of an airbred. Superb form and substance. Moderately heavy ruffling, well positioned on the flower.

FIZZGIG (Black '93) is a tight little honey plicata on a cream to light yellow ground. Some of the modern plicatas are getting too big and the parts too thick. This is Paul's answer. Compact and cuddly, making a mound of honey-bloom. GYPSY STAR (F. Dyer '90). Superb wide, rounded russet-bronze blend, similar in color pattern to WOODLING (Sobek), with the outstanding shape and substance. Purple beards, lightly tipped bronze. Horizontal falls, moderately ruffled. Standards are closed and flushed orchid-violet. Falls edged in ochre, with bronzing over most of the petals. One of the sleepers! NURSE NANCY (Black '93).

Upright closed standards are presented in a pure soft gentle yellow. Falls are remindful of **SOFT AIR** (Warburton), with a sheen like a recessive white, diamond-dusted with a hint of lemon halo. Beards are deeper yellow in the heart, white at the ends. It has a good increase/bloom ratio, with staggered bloom and secondary bloom that pops up at the end of the SDB season. Elegant, and outstanding form. **TORCHY** (Shoop '89), a much finer variety than some of the more highly-touted ones in this color range: A glowing neon orange with even deeper, fuzzy beards. The flowers are oval-shaped and give a nice airy look. Foliage is wonderfully narrow and grassy, complementing the slender, graceful stalks that carry 1 branch, 3 buds. Excellent proportions. **TWEETY BIRD** (Black '92). A cheerful yellow to apricot sherbet, networked with a delicate overlay of deeper texture veining. Bright carrot beards. Superb substance and heavy ruffling. Foliage is shorter and narrower, making for superior proportions. **WUNDERKIND** (Hager '90) has been overlooked thus far. It is a pure variegata with intense deepest gold standards and rich velvety oxblood-red falls with absolutely no other markings or band. A deeper version of the classic, **COMBO** (Hager).

MULCHING WITH DUST

Dave Niswonger (Missouri)

As long as I can remember, the principle of retaining moisture in the soil by keeping the crust broken was constantly impressed upon me by my father and he received the same admonition from his father and mother who were farmers. My grandmother actually was the gardening expert. She supplemented the family income by raising onion seeds and sets, potatoes and sweet potatoes by selling them at the county square. She also grew irises along the fence in front of the house that have been there over eighty years. As a side comment, I will say this is confusing since we know if irises are grown on the same soil for several years that a residue builds up which inhibits the growth. In other words, they are auto-allopathic but it appears that this old purple TB, which I think is a triploid, doesn't have this problem.

When I first heard this concept, I didn't believe it, because we worked the soil in early spring to get it to dry out for planting. It wasn't until later years when I put the principle to the test that I was convinced of this truth. Early tillage does expose more soil to the air and sun and helps to get the soil workable. Occasionally, if we are too early, clods form that are like rocks but when a rain shower comes these clods melt and for a period of time which varies among soil types, we can get the soil in good tilth. Some soils have a very small window of opportunity such as gumbo. I made a flower bed for my daughter in Houston and it was like hoeing bubble gum. We worked in some organic matter and finally got the soil where it was plantable.

When we top dress soil with a mulch, we are providing insulation which in effect is air spaces that prevent cold or heat from radiating into the soil. These

same air spaces also prevent soil moisture from leaving the ground. I have found that if I can break the crust of the soil as soon as possible after a rain or when I have watered, the moisture will last a long time. In Missouri, we get constant rains during the spring but as July approaches, I know that the rains will diminish. At this time, I try to run the tiller or hoe my iris beds after every rain. I have gone as long as six weeks without rain in my seedling patch and still had moisture during July and August when the temperatures have stayed in the nineties and sometimes over one hundred degrees. Sometimes during the summer we may get a light shower which does more harm than good because it seals the air space and the moisture that is there escapes. Even heavy dews will gradually form a crust and the soil needs to be worked. So, I will ask the question, "Do you only cultivate your irises when weeds start growing?" I hope you will remember to do it to conserve moisture. When a crust forms, it represents a wick to the sky for your moisture and when the soil gets completely dry, cultivation is much more difficult. This, I finally learned, "Sure Enough."

WHY NOT?—*A Garden of All-Time Tall Bearded Favorites!*

Stan Coates (California)

Often a person sees beds of irises that were all at one time Dykes Medal Award winners. Such a planting is very interesting and the developer of it very proud. However, nowhere in my travels have I discovered a bed or garden of Symposium Tall-Bearded favorites and yet it is the Symposium Summary that truly represents The American Iris Society's member selections. (Dykes Medal Award winners are selected by American Iris Society judges—the 100 iris in each year's Symposium by the annual vote of The American Iris Society membership.)

Each Symposium Summary contains a somewhat different population of irises. As new iris varieties are added to each member's list, he or she must in turn remove irises voted for previously. Records to date indicate that as many as four iris introductions in any one year may remain part of the Symposium's top 100 over a period of 15 years or more. Such irises may have won the Dykes Medal or may have only won the Award of Merit or in a few instances only the Honorable Mention Award. The most popular iris to date is Schreiners' BLUE SAPPHIRE. This iris was introduced in 1953, became the Dykes Medal winner in 1958 and has been on the Symposium a continuous period of 38 consecutive years.

If you were to develop a garden of long-term Tall Bearded iris favorites, here are the names of many of the irises you may wish to consider:

Year Reg.	Name of Iris	Hybridizer	Highest Award	Years on Symp.
36	Wabash	Williamson	DM 40	18
39	Snow Flury	Rees	AM 41	16

41	Minnie Colquitt	Sass	AM 45	16
42	Elmohr	Loomis	DM 45	20
42	Ola Kala	Sass	DM 48	18
43	Lady Mohr	Salbach	AM 46	22
43	Chantilly	Hall	AM 47	16
44	Chivalry	Wills	DM 47	16
45	Blue Rhythm	Whiting	DM 50	18
45	Pinnacle	Stevens	HM 49	18
45	New Snow	Fay	AM 48	16
46	Pierre Menard	Faught	HM 48	19
46	Desert Song	Fay	AM 49	16
48	Violet Harmony	Lowry	DM 57	27
48	Argus Pheasant	Hall	DM 52	15
49	Truly Yours	Fay	DM 53	15
50	Mary Randall	Fay	DM 54	17
51	First Violet	Deforest	DM 56	15
53	Blue Sapphire	Schreiners	DM 58	38
56	Amethyst Flame	Schreiners	DM 63	32
58	Allegiance	Cook	DM 64	21
58	Edenite	Plough	AM 61	17
58	Whole Cloth	Cook	DM 62	15
58	Olympic Torch	Schreiners	AM 60	15
60	Rococo	Schreiners	AM 62	21
60	One Desire	Shoop	AM 71	19
60	Esther Fay	Fay	AM 64	18
60	Pacific Panorama	Sexton	DM 65	15
61	Orange Parade	Hamblen	AM 64	15
62	Cup Race	Buttrick	AM 69	24
62	Matinata	Schreiners	AM 69	18
63	Winter Olympics	O. Brown	DM 67	28
63	Wine and Roses	Hall	AM 66	26
64	Stepping Out	Schreiners	DM 68	27
65	Christmas Time	Schreiners	AM 68	26
65	Camelot Rose	Tompkins	AM 69	25
65	Debby Rairdon	Kuntz	DM 71	25
65	Southern Comfort	Hinkle	AM 70	15
66	Babbling Brook	Keppel	DM 72	25
66	Cherub Choir	Corlew	AM 71	18
66	Launching Pad	Knopf	AM 70	16
66	Laurie	Gaulter	AM 69	16
67	Dusky Dancer	Luihn	AM 70	24
68	New Moon	Sexton	DM 73	23
68	Pink Taffeta	Rudolph	DM 75	23
68	Study in Black	Plough	AM 73	22
68	Gala Madrid	Peterson	AM 71	21
69	Bayberry Candle	Deforest	AM 72	22
69	Shipshape	Babson	DM 74	22

69	Son of Star	Plough	AM 72	21
69	Buffy	O. Brown	AM 72	20
70	Kilt Lilt	Gibson	DM 76	21
70	Grand Waltz	Schreiners	AM 73	21
70	Pink Sleigh	Rudolph	AM 73	16
70	Night Owl	Schreiners	AM 73	15
71	Sapphire Hills	Schreiners	AM 74	20
71	Dream Lover	Tams	DM 77	19
71	Lemon Mist	Rudolph	AM 75	19
71	Going My Way	Gibson	AM 75	18
72	Dover Beach	Nearpass	AM 79	15
73	Mary Frances	Gaulter	DM 79	18
74	Bride's Halo	Mohr	DM 78	17
74	Gay Parasol	Schreiners	AM 77	17
74	Joyce Terry	Muhlestein	AM 78	15
74	White Lightning	Gatty	AM 77	15
75	Navy Strut	Schreiners	AM 77	17
75	Queen of Hearts	O. Brown	AM 77	17
75	Mystique	Ghio	DM 80	16
75	Vanity	Hager	DM 82	16
76	Cranberry Ice	Schreiners	AM 79	15

Irises actively participating in the 1993 poll but having fewer than the required fifteen appearances include:

Rancho Rose	Beverly Sills	Catalyst
Ruffled Ballet	Copper Classic	Eastertime
Victoria Falls	Lacy Snowflake	Laced Cotton
Michigan Pride	Persian Berry	Leda's Lover
Gold Galore	Ringo	Queen in Calico
Superstition	Song of Norway	Tut's Gold
	Spinning Wheel	

Waiting in the wings also are many of the newer favorites such as Anna Belle Babson, Bubbling Over, Champagne Elegance, Dusky Challenger, Edith Wolford, Everything Plus, Honky Tonk Blues, Jesse's Song, Lady Friend, Lorilee Mulled Wine, Olympiad, Sky Hooks, Silverado, Supreme Sultan, Titan's Glory and many others.

Just think! What an interesting garden you would have if you started with these irises and then continued adding the newer irises as they qualify by 15 years' member election to the Symposium's top 100 of The American Iris Society. Such a garden would be wonderful in any community! Don't you agree?

HANASHOBU DISPLAY IN JAPAN

Hiroshi Shimizu (Japan)

Improvement of *hanashobu*, which in the West is called the Japanese iris, was first undertaken in Japan, and there are now more than two-thousand named cultivars in my country. The development of *hanashobu* has been directly related to its display. To understand the development of *hanashobu* it is necessary to understand this relationship, which I shall explain.

Garden Display

When Japanese people want to appreciate the beauty of *hanashobu* they usually visit *hanashobu* gardens when the irises are in bloom. There are at present more than two hundred *hanashobu* display gardens spread over the Japanese archipelago. More than two million people visit these gardens each year.

Early in the 19th century several gardens at Horikiri, located about six miles east of the center of Tokyo, became famous for *hanashobu* displays. George M. Reed of the Brooklyn Botanic Garden visited these gardens in 1930, and wrote a very good article describing them, "The Iris of Japan" which appeared in the *Bulletin*, No. 40, of The American Iris Society.

The most famous of the *hanashobu* gardens at Horikiri was Kotaka-en. Hiroshige, the great *ukiyo-e* a painter, executed a beautiful woodblock print showing the *hanashobu* on display in this garden (Fig. 1). Three viewing pavilions and a well developed, trained pine tree are in the center of the picture, and an artificial hill is on the left. From the elevation of this hill, visitors could get a good view of the *hanashobu* just below.

In the lower garden about fifty different varieties of *hanashobu* were grown. They were grown in rows of variable length, and usually only one kind to a row. But each variety was repeated at several different places in the garden. The visitors were admitted to the garden upon the payment of a small fee, and they sat in one of the viewing pavilions to enjoy the flowers.

The *hanashobu* plantings were surrounded by elevated banks or levees, and the visitor walked on the banks, which held water in the beds, to appreciate the flowers. The design of this garden leads the visitors to see the irises only from above!

There are two reasons the Kotaka-en garden was designed in this manner. The first reason was to protect the owner's house and family from floods. Flood disasters occurred often in the Horikiri area. The owner's house, not shown in Fig. 1, was also built on an elevation for this reason. The second reason for the Kotaka-en design is that Japanese people like natural scenic beauty. The open vista seen from the top of the hill and from the pavilions was very lovely. Japanese garden design principles call for the surrounding wood, river and mountain (*shukkei*) to be incorporated into a total scenic view.

The appreciation of *hanashobu* in the open vista, looking down upon the flowers, gave impetus to the development of a new flower form, the "horizontal

form," in the Tokyo region. Varieties in this form are very strong and resistant to the wind and rain. We call these types of *hanashobu* the "Edo types" after the old name for Tokyo.

Indoor Display

There are three quite distinct types of traditional indoor display for *hanashobu* in Japan. The first I will describe is Kumamoto indoor display, which is practiced by the *Kumamoto Mangetsu Kai*. Kumamoto is the name of a region in south-eastern Japan on the island of Kyushu. The *Mangetsu Kai*, which means "Full Moon Society," was organized for the development and appreciation of *hanashobu*, and its annual meeting was held at the time of the full moon in June.

The unique method of display in Kumamoto entails showing the irises in pots. The *hanashobu* bloom season in Kumamoto is frequently beset with heavy rains, which lead to growing the irises in pots. Gradually, too, rules were developed for the display of irises inside the house. Pots were about 24 cm in diameter, and flower stalks were about 90cm in height (Fig. 2.) Seven to nine plants were arranged along the wall side of the main room. One or two irises were displayed in the *tokonoma*, a special alcove designed for displaying objects d'art, paintings and plants appropriate to the season. The irises displayed in the *tokonoma* had flower stalks smaller than those on display along the wall.

To the *Kumamoto Mangetsu Kai* the inner spirit was more important than the form in the display. The heart of the display lies in the "selfless manner" in which the host serves the guest. Therefore, the host did not put stalks of his new varieties in the *tokonoma*, a place of great ritual importance in Japan. Likewise, when the host arranged the potted irises along the wall of the room, he put the guest's varieties in the center of the row.

When the guests appreciated the irises, they sat upright and bowed to them. This marked their respect for the flower. Next, the guests stood up and examined the shape and size of the style arms. They liked large and strongly formed style arms, and very much disliked small or poorly formed style arms. Because they believed that the flower's "mind" is in the style arms, being in the center of the flower, the style arms must be large and "right" as the heart of a human being should be.

After appreciating the irises on display, guests talked with the host about cultivation and the shape and color of irises on display, but there was no "flower contest." Thinking that each variety has its own personality and virtue, the individual characteristics must be respected. Competition would be disrespectful.

These Kumamoto iris devotees liked the arched flower form, which resembles the shape of Mt. Fuji. This was because they viewed the iris from the side, rather than from the top. Improvement of their varieties was directed to the creation of varieties suitable for display in a Japanese style room. We call their irises the "Higo type" after the old name of Kumamoto. Varieties of the Higo type are especially well liked by many Japanese hybridizers.

The second type of indoor display I will address is the Tokyo dwarf plant indoor

display. This is a method of pot culture and display devised by Mr. Ichikawa about 1930. Mr. Ichikawa used a flat pot about 30 cm in diameter and 3 cm deep to cultivate and display *hanashobu*. Usually ten to twenty rhizomes are planted in the pot during bloom season. The following year these plants will bloom seven to fifteen flowers. (Fig. 3.)

The essence of the art of this unique method of cultivation is in skillfully controlling growth. The amount of fertilizer and water are carefully regulated, and the pot is moved in response to seasonal and weather changes. Care is taken to protect against disease and insect pests.

The totality of flowers, leaves and pot produce a natural elegance of form pleasing to the eye. The ability to succeed with this method can be said to spring from the resourcefulness of Mr. Ichikawa who, in his love of natural beauty, tried to bring it closer to his life.

The suitable varieties for this method of display are not miniature types with small flowers, but rather smaller growing Edo and Ise cultivars. Undoubtedly this form of display shows the influence of *bonsai*. At present Mr. Noboru Kobayashi, who lives in Tokyo, avidly cultivates and displays his iris in this way.

Ise, is the district in central Honshu where the Grand Shrines dedicated to the ancestors of the imperial family are located, and which has close ties to Kyoto. A unique type of *hanashobu* and a unique type of iris display originated in Ise, and this is the third type of indoor iris display I will discuss.

At the beginning of the 20th century, cultivation of irises for use in the unique Ise display was rather widespread in the Ise district. Popularity of this display style declined, however, and it seems that it is no longer practiced in Japan. As a result, many details of the Ise display remain unclear. Fortunately, the late Dr. Hirao illustrated the Ise style in his book *Hanashobu* (Kashima Publishing Co., Japan, 1959). Moreover, he provided a short comment about Ise display in another of his books, *The Japanese Iris* (Asahi Shinbun Publishing Co., Japan, 1971). (For those who have access to this book, it is noted that the comment is, regrettably, written only in the Japanese language.)

In the Ise style, potted flowers were displayed in front of a folding screen or a curtain in a Japanese style room (Fig. 4). Twenty-seven plants were arranged in three ranks, nine plants in each rank. The person making this display gave great care to flower color, and the height of the flower stalks and leaves had to be about the same. A low screen in front of the first rank was used to hide the pots in which the irises were growing.

Upon viewing and appreciating an Ise display, a guest would say to the host: "All the falls are sufficiently drooping downward." These words were the highest form of praise one could give to an iris display in Ise.

The unique "Ise type" of Japanese iris was developed for this display. All Ise irises are singles, the height of the flower stalks and leaves are about the same, and the falls droop downward. I think that the characteristics of Ise varieties, even more than those of Higo varieties, were influenced by the fact they were developed for indoor appreciation. Consequently, Ise varieties have shorter flower stalks than Higo varieties. Usually they are 70 to 90 centimeters in height. The shortness of stalk was one of the reasons the potted plants needed to be put on a flower stand for display.

The Japanese Mind and Hanashobu

Last year I contributed an article to the *Bulletin* of The American Iris Society and the British Iris Society *Year Book* entitled "Iris Hybridizers in Japan." Referring to the Japanese people, I wrote, "When we look at a flower, we see the beauty of nature through the flower." Its spirit is suggested by the Tokyo dwarf plant indoor display. The flower, green leaves and soil in the flat pot symbolize or reflect the forms and features of a *hanashobu* garden landscape. When a Japanese person looks at it, his mind visits a large *hanashobu* garden and "takes a rest" there. His mind is always hoping for harmony with Nature. This spirit led to the creation of many *hanashobu* gardens and also to the creation of the Tokyo dwarf plant indoor display.

On the other hand, the spirit of Kumamoto ("each flower has its own personality") is important to the Japanese also. Japanese naturalistic religion, Shinto, grew out of the everyday life of the Japanese people in primitive times. All natural objects and phenomena were considered as having their own gods (*kami*). Today the majority of Japanese people have no interest in the tenets of Shintoism, but they nonetheless often sense that natural objects have distinct personalities. This Japanese characteristic has contributed to the various flower forms developed through iris hybridizing. (Fig. 5.)

The reverence for Nature is an emotional and nonrational influence on the Japanese mind. At the same time, Japanese thought is marked with an insular prejudice, stemming from the relative isolation and freedom from foreign invasion our nation experienced for many generations. This insular prejudice has prevented the Japanese from developing universal concepts so useful for international cooperation. The insularity of Japanese thought has directed the Japanese mind toward the inner spirit rather than toward universal precepts. It is this inner direction of the Japanese mind that is reflected in the elegant ritual of the tea ceremony and in the Kumamoto indoor display of *hanashobu*.

The development of the unique characteristics of Edo, Higo and Ise *hanashobu* varieties and the different display methods associated with these three distinct *hanashobu* types are creative art forms which attempt to express the unique esthetic sense of the three Japanese regions.

Dr. Shuichi Hirao, in his book *The Japanese Iris*, observed that the characteristics of Edo *hanashobu* may be likened in their smart, sophisticated air to the merchant culture which dominated Tokyo for so long. The Higo *hanashobu* have the solemn dignity of the *daimyo*, the feudal lords of pre-modern Japan. Ise *hanashobu* have the gentle grace of young women of noble birth.

I think that the breeding of plants and the manner in which plants are displayed reflect the culture in which the plantsman lives. Unique cultural characteristics have their origin in centuries past.



Fig. 1 View of the Kotakaen at Horikiri, a colour print of Hiroshige.

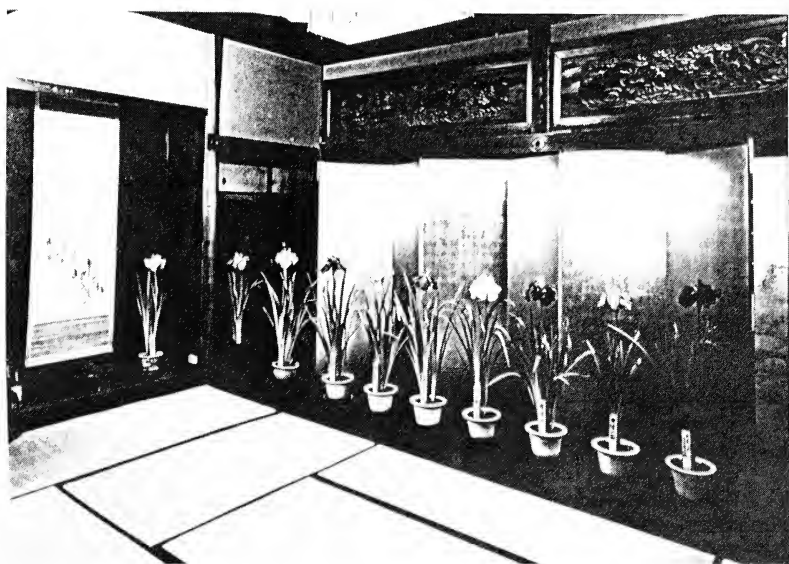


Fig. 2 Kumamoto indoor display

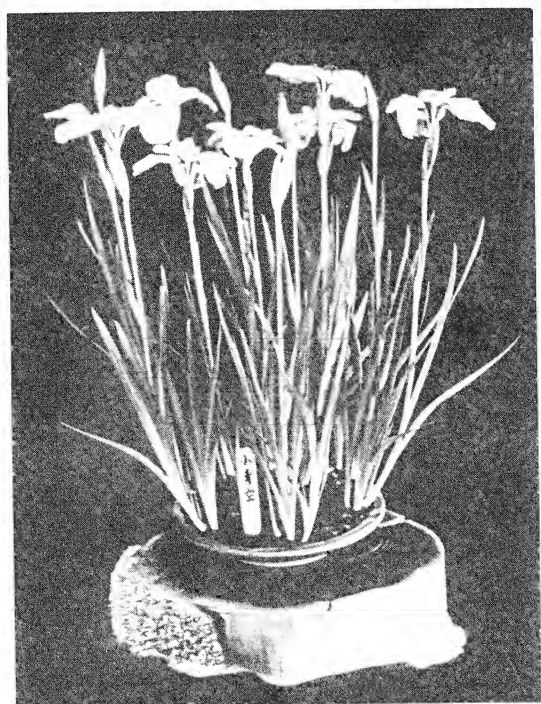


Fig. 3 Tokyo dwarf plants display

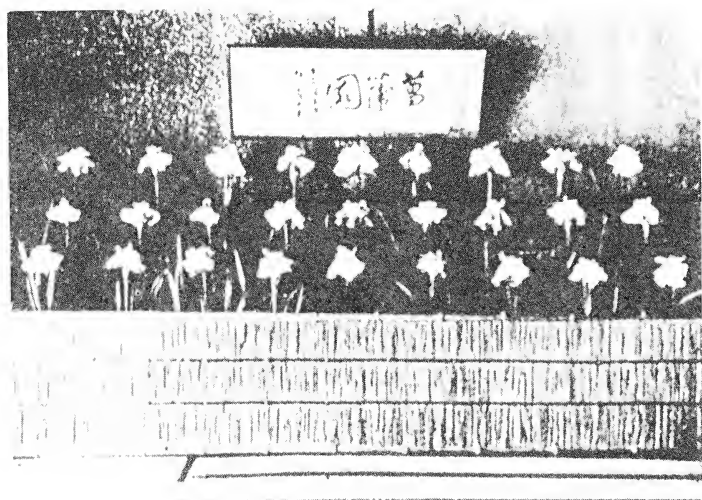
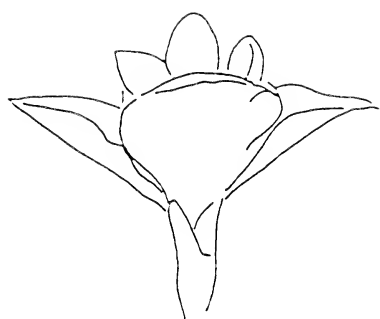
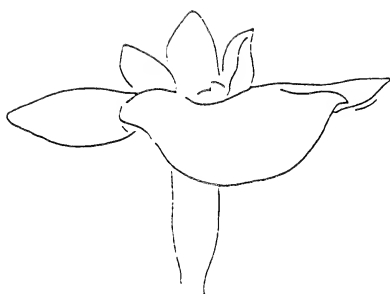


Fig. 4 Ise indoor display



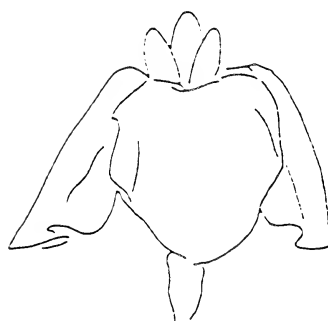
upward



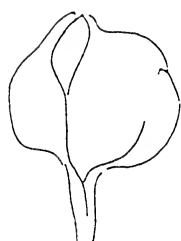
horizontal



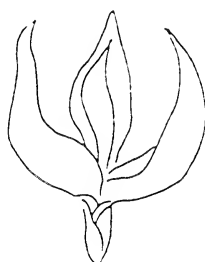
arched



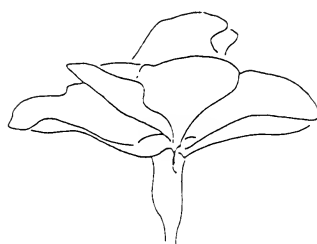
pendent



ball form



claw form



hose in hose

Fig. 5 Flower form in Hanashoubu

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October 1, 1992 to March 31, 1993

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Grant Kegerise (Pennsylvania)
Stuart Loveless (Michigan)
M. J. McHugh (Missouri)
Eddie Phebus (Michigan)
Robert F. Smiley (Washington)

IN MEMORIAM

Jayne Overholser

Jayne Cureton Overholser passed away on February 20, 1993. She was a lifelong gardener and a member of The Louisville Area Iris Society and The American Iris Society. Jayne first became interested in irises when she saw THEODOLINDA in a garden in the 1940's. She joined the Louisville club in the 1950s and has served that group as president, vice president, secretary and show chairman. She was a Master Judge and a former RVP of Region 6.

Jayne hybridized several irises, including CINDY O and SISSY. She was also an accomplished flower arranger. She was a judge in the Hemerocallis Society and was a member of the Daffodil Society. In 1970, she received the Honeywell Trophy as Indiana's Horticulturist of the Year.

Jayne is survived by her husband, Dan; two sons, Daniel and Kent; and two grandchildren.

Dr. H. C. Mohr

Dr. H. C. Mohr, a former professor of horticulture at the University of Kentucky, passed away recently after a lengthy illness. Because of his health, he had moved from Kentucky and lived in Region 5 at the time of his death.

Dr. Mohr joined The American Iris Society in 1964. He soon was involved in hybridizing, and his first introduction, BRIDE'S HALO, won the Dykes Medal in 1978. He had many other introductions over the years, but BRIDE'S HALO is still the most famous of his irises.

Dr. Mohr's sons, Ken and David, are also involved in hybridizing and have several introductions of their own. Although his contributions to the iris world are significant, they are just a part of the work he did with various types of plants.

CONTRIBUTIONS AND MEMORIAL GIFTS

AMERICAN IRIS SOCIETY: Send to The American Iris Society, Jeane Stayer, Secretary, 7414 E. 60th St., Tulsa, OK 74145.

AMERICAN IRIS SOCIETY FOUNDATION: Send to AIS Foundation, Richard T. Pettijohn, Treasurer, 122 S. 39th, Apt. 604, Omaha, NE 68131. Donations to the Foundation and AIS are tax deductible.

Note: please include name and address of next-of-kin pertaining to memorial gifts, so that a card of acknowledgment may be sent. Checks should be payable to the American Iris Society or the American Iris Society Foundation.



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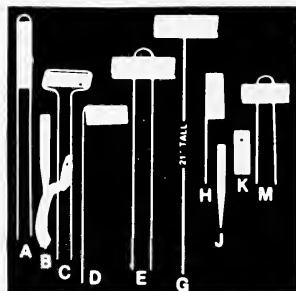
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DUSKY CHALLENGER— *The Tenth Number One Since 1948*

Stan Coates (California)

DUSKY CHALLENGER became The American Iris Society's most popular iris by compiling a total of 797 votes in the Society's 1993 Symposium. This placing made DUSKY CHALLENGER the tenth iris since 1948 to capture this honor.

OLA KALA, J. Sass's 1948 Dykes Medal awardee, earned this same honor in 1948. It continued to win this accolade each year through 1954. In 1955, TRULY

YOURS, the 1953 Dykes Medalist of O. Fay took over this position and continued the most popular in 1956 and 1957. Schreiners' BLUE SAPPHIRE, the recipient of the 1958 Dykes Medal, became number one in 1958 and continued winning this honor through 1962. (38 years later BLUE SAPPHIRE remains one of the Symposium's 100 most popular irises.)

WHOLE CLOTH, P. Cook's 1962 Dykes winner replaced BLUE SAPPHIRE as number one in 1963. In 1964 Schreiners' AMETHYST FLAME, the 1963 Dykes Medalist, became the most popular iris. It continued number one through 1966. In 1967, this honor went to RIPPLING WATERS, O. Fay's 1966 Dykes Medal winner.

In 1968 Schreiners' STEPPING OUT won both the Dykes Medal and the honor of being the most popular iris. It continued the most popular iris through 1981—a continuous reign of 14 years (the longest on record). MYSTIQUE, J. Ghio's 1980 Dykes Medal winner was the most popular iris in 1982. BEVERLY SILLS, B. Hager Dykes Medalist, earned the number one popularity position in 1983 and continued as such until the honor was won by DUSKY CHALLENGER in the 1993 Symposium. NOTE: All irises earning the rating of most popular iris in The American Iris Society's annual Symposium have also earned the Dykes Medal Award!

VOTING THE SYMPOSIUM BALLOT

Dennis Stoneburner (Virginia)

I have, over the years, read with interest the results of the annual Symposium Ballot produced by The American Iris Society. I have enjoyed not only the top iris winners, but the regional results of total number of votes cast. An organization of this size should have many more people participating in this unique process. That is why I write this article.

The Symposium provides the members an opportunity to vote for their favorites. I really don't think anybody votes for, let's say, purples only. The selections reflect not only favorites from a personal preference, but also such things as hardiness, vigor, increase, bud count, color fastness, just to name a few. This process can also be a double check on the judges and their selections for various awards. I hope that the judges, along with the hybridizers, look carefully at these results. Only good things can come from them.

Last year, I challenged the societies in our region to do two things. One was to beat my local society, Blue Ridge, in the total number of votes cast. Second was to increase the total ballots cast by all local societies from the previous year. With the size of Region 4 we could, at least have 25-30% of the Ballots returned, not 12% like in years past. We did better as a Region in 1992, and our society did have the most ballots returned, but we could have done better. I have issued the same challenge to Region 4 again this year, but I now issue you, the membership of AIS, a challenge. I challenge every region with a membership of over 300 to have at least 25% of the ballots returned. (Maybe even 30%.) Come on now, it's easy, and it's fun. Let's get the RVP's calculators smoking.

MINUTES OF THE BOARD OF DIRECTORS MEETING

**Worthington Hotel
Fort Worth, Texas**

April 20 & 21, 1993

President Claire Barr called to order the regular spring meeting of the Board of Directors of The American Iris Society at 2:05 p.m., April 20, 1993. Present at the various sessions were President Barr; 1st Vice President Niswonger; 2nd Vice President Mahan; Secretary J. Stayer; Treasurer Corlew; Registrar Nelson-Keppel; Recording Secretary J. Plank; Publication Sales Director Lack; Directors Crick, Gristwood, Harder, B. Jones, Lineberger, Stahly, Waters, and M. Wilhoit; RVP Board Representative Gilliam (24); Photo Coordinator L. Stayer; Foundation Liaison Pettijohn; Committee Chairmen Brookins, M. Lowe, H. Shockey, and Rasmussen; RVPs Schmieder (1), Schueler (2), Honkanen (5), King (7), Ernst (10), Meyer (11), Shepard (15), Szmuriga (19), Moller (20), Gossett (22), and Perkins (23) and SIS Section Representative; RVP Representative A. Lowe (4); Section Representative Rigby (SIGNA); and guests Wilder (5), J. Wilhoit (9), B. Aitken, T. Aitken, E. Jones, Smith, Ernst, and Silverberg (13), K. Keppel (14), W. Barr and R. Plank (15), Glaser and Beckhausen (17); Tankesley-Clarke and Wyss (18), V. Wiekhorst and W. Wiekhorst (20), Sellers, O. Wulf, and H. Wulf (21) and Goodnight and I. Shockey (23).

President Barr welcomed all present and reminded everyone that while participation in discussion is welcomed and encouraged, only Board members may vote. She also reminded everyone that the spring meeting agenda is used only as a guide and while agenda flexibility is necessary in order to work around the many convention meeting schedules, everything on the agenda will be covered.

Niswonger moved, Harder seconded, that the minutes of the fall 1992 Board meeting in Overland Park, Kansas, be approved as printed in *AIS Bulletin* #288. Motion carried.

Secretary Stayer expressed the need to clarify the Atlanta meeting minutes with reference to Corlew's motion concerning the relationship between the AIS and the AIS Foundation and the possibility of consolidation. Corlew read the motion as printed in the minutes of the Atlanta meeting, *Bulletin* #286, page 88. To clarify the intent of this motion passed in Atlanta, it is stated in the minutes of this meeting of the AIS Board in Fort Worth that the relationship to be discussed and examined referred to in the Atlanta motion is the relationship between The American Iris Society Foundation and The American Iris Society, not between The American Iris Society Foundation and Scientific Committee of The American Iris Society.

Barr reported no interim Board action. The Executive Committee voted to approve a request from SIGNA for permission to use information contained in the *AIS Check Lists*.

Barr reported that she had received a call from Membership Secretary Harlow reporting a computer failure and requesting authorization for repairs. Authorization was given, the repairs were made, and the computer is properly functioning once more.

The decision by the AIS Board at the 1992 fall meeting to limit AIS awards to United States and Canadian bred inses generated many letters to Barr's office. This subject will be taken up later in the meeting.

A request was submitted by a member of the Greater Kansas City Iris Society to make photo copies of the 1949 *Check List*. The topic of out-of-print *Check Lists* has been scheduled into the agenda for this meeting.

Secretary Stayer reported that she had applied for the copyrights for the 1939 *Check List*, the 1989 *Check List*, and the *Bulletin*. Problems are anticipated only in connection with the 1939 *Check List* because the AIS files do not contain the original information requested by the copyright office.

Stayer has ordered 200 RHS Colour Charts at a cost of £25 each, less a 15% discount, the same unit price paid the last time Colour Charts were ordered in 1989. The RHS does not keep large quantities of the Colour Charts on hand; consequently, a special order had to be placed. A six- to eight-week delay for special orders plus surface mail travel time means it will be several months before the charts will become available in the United States and Canada.

Stayer announced that she is leaving for Europe on June 26 and will return on July 11. She cautioned that urgent and important AIS matters involving her office must be brought to her attention well before her June 26 departure if they are matters that cannot wait for her return in July.

Membership Secretary Harlow, unable to attend the meeting, sent a detailed written report, which was read by Secretary Stayer. Harlow related that she had experienced a computer hard drive failure but had lost no data because of the backup system purchased and installed following authorization by the Board at the 1992 fall meeting. Harlow reported that total AIS membership stands at 8,353. Region 14 continues in first place with 741 members, followed by Region 4 in second place with 668 members, Region 18 in third place with 621, and Region 6 in fourth place with 562. Deletions have been made for non-renewing members whose dues expired last December. The AIS lost 473 members, about half of which were one-year members. New memberships show a decided increase in the single triennial category. New AIS rules concerning no January or July *Bulletins* being sent to members who are late in paying their dues have been put into place and are working well, with a saving of some 500 *Bulletins* each time.

Stayer stated that she had received a personal letter from Harlow just before convention time in which she reported that the necessary repairs were made to the computer and normal operation resumed at the membership office.

Treasurer Corlew distributed copies of the interim report to Board members. He explained that although more dollars were being paid out than were coming in during this period, it is a normal pattern for the time period covered in the report. He pointed out that restrictive accounts are not listed in interim reports; however, he thought two things involving restrictive accounts should be brought to the Board's attention. The first is that the AIS has received a restrictive gift designated for the use of color in the *Bulletin* and that the *Bulletin* Editor should be informed of this and asked to use this money accordingly. The second is that the Library Endowment Fund has continued to receive money. This money was originally co-mingled with AIS funds, but now that it has reached \$2,500, a special account will be opened to separate the Library Fund from general AIS funds. The Publication Fund reserve reached \$100,000 during the last quarter, and in accordance with authorization given at the fall Board meeting, the fund was topped out. Any money received since the Publication Fund was capped will go into the general fund until such future time as the balance in the Publications Fund account falls below \$100,000. Corlew asked Board members to look over the financial report, and, if there are questions, to ask them later in the session.

In Editor Mullin's absence, Advertising Editor Nelson-Keppel reported for the editorial staff. In spite of all efforts by Mullin and Nelson-Keppel, production problems at the printer prevented the April issue from being ready for general distribution before convention time. Fifty copies of the issue have been shipped to the convention for Board members, however, and will be distributed as soon as they arrive.

Secretary Stayer read a report sent by Editor Mullin prior to convention time. Mullin stressed the need for contributors to honor *Bulletin* deadlines—January 15, April 15, July 15, and October 15. Mullin stressed the need to send reports as early as possible for every issue. He thanked Kay Nelson-Keppel, Keith Keppel, and Rachel Drumm for their help in getting the *Bulletin* completed.

Advertising Editor Nelson-Keppel reported that *Bulletin* advertising is going really well. She expressed great pleasure over the color ads in the April *Bulletin*.

As Registrar, Nelson-Keppel reported that the publication of the 1989 *Check List* produced a great deal of excitement among AIS members. The 1992 Registrations and Introductions booklet, already off the presses and available, was put on the computer during preparation. Using the computer for annual Registrations and Introductions booklets will make it easier when the 1999 *Check List* is compiled. Registrations seem to be progressing normally. Over 400 new registrations have been received since the publication of the 1992 Registrations and Introductions, and this number will increase once bloom season is over.

Publication Sales Director Lack reported that sales since last fall have amounted to approximately \$33,000. The 1989 *Check List* sales have been responsible for much of this activity. He reported that AIS postcards are out of stock and that the Basic Iris Culture booklet has been out of stock for quite some time.

Corlew explained the problem that confronted him when he attempted to update the centerfold awards sheet for The Basic Iris Culture booklet. There is not enough room to add the required two columns to accommodate the new awards for species and for species hybrids and to maintain a legible type size. Corlew recommended that he be allowed to present the new awards structure in a different format. There was no Board objection to this being done. Corlew stated he would reformat the awards page immediately.

Lack reported that there were fewer than 800 copies of *The World of Irises* on hand and that this is about a two-year supply. Mahan, who is working on the next AIS publication in this category, stated that a two-year supply should be ample.

Affiliates Chairman Niswonger distributed copies of his report, which provided the number of approved affiliates in each region and a list of each of a region's affiliates accompanied by the name of the affiliate's current president. Niswonger explained the difference between the 1992 fall report, which listed 153 affiliates, and this report, which lists 149, and stated that this difference should disappear as soon as all RVP reports are completed. He congratulated Region 4 for adding two new affiliates and restated his firm belief that local clubs get people involved and that involvement is the secret for retaining and increasing AIS membership. The addition of new affiliates is important to the goal to broaden membership involvement. Niswonger thanked the RVPs for the work done in filing the regional affiliate reports. Niswonger congratulated Region 18 and that region's RVP, Riley Probst, on the approval of the region's eighteenth affiliate. Region 18 continues to have the largest number of affiliates. President Barr added her congratulations to Region 18.

Awards Chairman B. Jones presented an issue raised in a letter received from a member of an AIS section. In the letter it was pointed out that each section now conducts a symposium of the irises they represent; however, the title of the national organization's annual symposium is "The American Iris Society Symposium," but only tall bearded irises are listed. The complaint was registered that the annual symposium's name, coupled with a popularity poll listing only tall bearded iris cultivars, implies that these are the only irises that the society officially recognizes. The suggestion was made that the name of the annual symposium be changed to "The American Iris Society Symposium of Tall Bearded Irises." Jones moved, Stahly seconded, that this change in the title of the annual symposium be made as suggested. Motion carried. Jones will notify Editor Mullin of the change.

Jones reported that there were three errors on the 1993 awards ballot; however, only one of these errors could have a serious effect on voting. MIDAS MITE (MDB), introduced by A. and D. Willott and in its last year of eligibility for the next award level, was mistakenly listed on the ballot as MIDAS TOUCH. Jones requested that MIDAS MITE be granted a one-year extension of eligibility to compensate for this error. Mahan moved, Corlew seconded, that this be done. Motion carried.

Jones pointed out that the size of the awards ballot must be expanded to accommodate the new awards system. Printing and mailing limitations require that modifications to the ballot, or to the manner of voting, or to both, be made in order to accomplish this necessary expansion. In discussing this situation, the suggestion was made that the ballot for Japanese irises, currently a separate pull-out sheet, could be incorporated into the regular ballot and given the same voting deadline as all the other groups of irises, thereby saving space and money, as well as time, for the Awards Committee. Mahan moved, Corlew seconded, that Japanese irises be put on the same ballot and on the same voting time schedule with all other irises, pending final approval at the fall meeting. Motion carried. This matter will be reviewed in the fall to give opportunity for input from the Society for Japanese Irises, with final action to be taken at that time.

Exhibitions Chairman Gristwood announced that this year's number of sanctioned shows is running ahead of last year's, and that at the time of this report, 171 show schedules have been approved for 1993. With only 108 silver medals and 116 bronze medals remaining on hand, she expressed concern that the supply of medals will run out before all show needs are met unless something is done quickly.

Corlew moved, Niswonger seconded, that Gristwood pursue replenishing the AIS supply of show medals through Business Builders of St. Louis, Missouri, and report back to the Executive Committee for price approval. Motion carried.

Historical Committee Chairman Harder said he had nothing to report at this time.

Judges Training Chairman Crick distributed the interim report listing nonrenewals and deceased judges.

Membership Contest Chairman Wilhoit reported that several entries in the membership contest have been received and that Region 4 is leading the way. She reported receiving a package from the family of James and Lucy Fry containing a special commendation plaque awarded to overseas member Koen Engelen of Belgium for signing up over 50 new AIS members during the 1991 membership contest. Wilhoit sent the plaque on to Engelen who responded with delight and with a promise to send a photograph of himself with the plaque for the *Bulletin*.

A short break was called by President Barr at 3:15 p.m.

Following the break, Barr announced that she had received word that Bernice Miller had fallen earlier in the day and had suffered a fractured hip. Ruth Wilder reported further information about Miller's condition.

Copies of the actions taken at the last Board meeting were distributed by Policy Chairman Lowe.

Public Relations Chairman Waters displayed a selection of recent publications promoting irises. She showed issues of *Men's Garden Clubs of America*; *Southern Living Gardener's Annual*; and *American Horticulture*. The *Southern Living Gardener's Annual* has two articles on irises. It was reported that *Flower and Garden* has an article on Dr. Currier McEwen.

Waters requested that she be sent favorite slides of irises for possible use on the 1994 AIS Calendar. Slides being submitted should reach her before July 1. They will be carefully scrutinized and should not show bare soil, diseased foliage, or wilted blooms.

Regarding the need for new postcards, Waters moved, Stayer seconded, that a new set of postcards be published and that the final bid be submitted to the Executive Committee for approval. Motion carried.

Waters presented an offer received from the Boston Museum to give wholesale prices to the AIS for items listed in the museum's catalog. It is her judgment that this offer does not serve AIS needs effectively enough to warrant Board consideration. No action was taken.

Waters praised Marilyn Harlow for her effectiveness in getting a wide variety of articles printed in the *San Jose Mercury*, the fifth largest newspaper in the U.S.

Robins Chairman Brookins suggested that sending out Robin interest cards at the time of the first renewal might be more productive for recruiting Robin members than the current practice of including these cards with the new-member packet. Robin interest cards sent to new members are very unproductive, probably because new members lack an understanding of Robins. Most new members think that checking a Robin card signs them up for information on a particular subject, not for active participation in a Robin flight. He cited several examples in support of this theory. The discussion following the report revealed that in the opinion of many the AIS *Bulletin* is the most important tool for informing AIS members about the nature of Robins and the way in which they operate, that the Flight Lines column in the *Bulletin* helped to keep the interest in Robins active, and that it is important to find a new Flight Lines editor.

Stahly moved, Jones seconded, that Brookins design a letter or a card to be sent to all new members of the AIS not only to promote the Robin program, but also to provide a means of routing information on a specific subject or subjects to new members, and that Brookins present a concrete proposal to the Board for action at the 1993 fall meeting. Motion carried.

Brookins called attention to an article on irises printed in the March-April issue of *Fine Gardening*. This article has generated over 1,500 letters in response to inquiries. The *American Horticulture* article, although only a few weeks in print, has already generated forty new members and thirty-eight 1989 *Check List* sales. Wilhoit added that a periodical published by The American Pond Society is scheduled to carry an article on Marie Calliet.

Mahan read the Scientific Committee report from Chairman Fulton in Fulton's absence. Letters from Dr. McEwen and Uwe Knopnadel were included with Fulton's report but not read aloud. On behalf of the Scientific Committee, Fulton requested the following Board action:

Approval of the expenditure of up to \$1,500 during the summer and fall of 1993 for specific tests of

diseased plants found in any garden. This money would be expended, if at all, in small amounts to pay for specific tests. Any such tests would receive approval of both McEwen and Fulton and none of the funds would go to either of them.

Mahan moved, Niswonger seconded, that this request be granted. Motion carried.

The Scholarship Committee's report was read by Stayer in Chairman Witt's absence. Witt reported that twenty-three applications were received for the 1993-1994 AIS Scholarship. Members of the committee, Elsiemae Nicholson, James Waddick, Phil Ogilvie, Sharon McAllister, and Chairman Witt, settled on the following three applicants as preferred recipients:

1. Nathan Lange, University of California, Davis, CA; PhD—The study of molecular basis of senescence in *Iris* flowers.

2. Irene Shole and Dennis Milanowsky (joint) Washington University, St. Louis, MO; PhD—Biotic inventory of the Pucara Watershed, Cajamarca District, Peru.

3. Judy Ramsay, North Dakota State University, Fargo, ND; MS—Easter Lilies: studies to regenerate haploid or diploid lily plants from callus obtained by ovule and/or anther culture . . . with the idea of future genetic manipulation.

There was a brief discussion of the three proposals. Following the recommendation of the committee, Corlew moved, Stahly seconded, that the AIS fund the scholarship for Nathan Lange and in the event he receives a grant from the AIS Foundation, or some other group, that the AIS then fund the Shole/Milanowsky Peruvian cloud forest project. Motion carried.

The discussion preceding the vote made it clear that both the AIS Scientific Committee and the AIS Foundation need to be better understood by the general membership.

The report from Youth Chairman Morris was read in her absence by Barr. The Morris report stated that seven nominations had been received for the 1993 Youth Achievement Award contest. Nominations from Regions 23, 18, 20, 1, and 5 had been submitted for youths in Regions 23, 18, 20, and 5. First place went to Kurt Latimer of Albuquerque, New Mexico, Region 23; second place to Danny Watson of Milledgeville, Georgia, Region 5; and third place was a tie between Shilo Gillam of Garden City, Kansas and Donna Wiseman of Wentsville, Missouri, both of Region 18. Judges for the contest were Paul Gossett, Region 22 RVP; Kathy Hutchinson, Region 14 Youth Chairman; and Edith Fisher, Region 21 member-at-large.

Morris reported that eight regions were without a regional youth chairman in 1992. Regions 1, 2, 4 and 5 have since filled the position, and Morris expressed her appreciation to the RVPs who accomplished this. Regions 3, 10, 11, 12, 16 are still in need. These regions have few or no AIS Youth members and Morris suggested that filling these positions would be a most important step toward increasing the number.

Morris reported that the AIS Youth newsletter, *The Iris Fan*, was mailed in December, 1992 to all youth members, RVPs, and regional Youth Chairmen. The response to this first issue published since 1983 has been positive. The next issue is planned for June, 1993. The Youth Pen Pal program presently involves fourteen young people and appears to appeal most to the eleven- and twelve-year-old age bracket.

Convention Liaison Mahan read a letter from Ann Cline, President of the Iris Club of Southeast Michigan, offering to sponsor the 1997 AIS National Convention in the metropolitan Detroit area. Convention dates would be scheduled somewhere near the end of May. Peak bloom season for this area is around Memorial Day.

Corlew moved, Jones seconded, that the offer from the Iris Club of Southeast Michigan to host the 1997 AIS National Convention be accepted. Motion carried.

Mahan thanked Cline for her dedicated work to promote regional agreement to host the 1997 National Convention.

With Detroit committed to 1997, the AIS schedule of conventions is full through 1998. Efforts to fill the 1997 convention vacancy have generated a great deal of interest in hosting the conventions in 1999 and 2000. Mahan advised any region interested to submit a proposal soon, because he expects genuine competition to host these years.

Mahan assured the Board that when corresponding with future convention chairmen, he stresses the need to avoid conflicts in scheduling section, Board, and general meetings. He also makes clear the Board's wish that every effort be made to obtain moderately priced hotel accommodations and to keep convention costs down by foregoing some of the extras, if necessary.

Wilhoit reported for the Committee to Investigate an Award for Foreign-bred Irises. The committee, composed of Niswonger, Corlew, and Chairman Wilhoit, needs more time to gather the ideas and necessary information on which to formulate a proposal. A report with recommendations will be presented at the fall meeting.

The meeting was recessed at 5:00 p.m. and reconvened at 9:00 a.m., April 21, 1993.

Registrations Committee Chairman Nelson-Keppel said that her committee has several things under consideration which will be presented in her annual report at the fall meeting. Nelson-Keppel requested that Keith Keppel be appointed Registrations Committee Chairman. Barr cited Keppel's years of service in that position until about three years ago and asked for Board approval of the appointment of Keppel to be Registrations Committee Chairman. Jones moved, Corlew seconded, that the appointment be approved. Motion carried.

Concerning the request from the Greater Kansas City Iris Society and others to reprint the 1949 *Check List*, Nelson-Keppel proposed that this be done with the use of a soft bound cover to keep down costs.

Corlew moved, Stayer seconded, that the AIS print 1,500 copies of the 1949 *Check List* in a soft bound cover.

Mahan moved, Harder seconded, that the previous motion be amended to read "that the AIS print 1,500 copies of the 1949 Check List and the 1959 Check List in soft bound covers."

In the discussion that followed, A. Lowe stated that a number of errors in the 1949 Check List have been found by H.I.P.S. members and that it has been suggested that some of those errors should be corrected. Lowe further stated that she realizes that enormous obstacles exist which impede correcting these errors within any useful time frame; however, she wants the record to show that AIS is aware that these errors do exist. Mahan, supporting Lowe's statements, outlined the kind of obstacles that are confronted when correcting an official record, such as the *The 1949 Check List*, and agreed that the need to reprint outweighs the time/benefit ratio to correct. Mahan requested that the record show that the Board discussed the possibility of correcting the errors in *The 1949 Check List* but recognized the impracticality of doing so at this time.

The vote on the amendment carried. Because of the nature of the amendment, it was unnecessary to vote on the original motion.

Mahan distributed copies of the three proposals submitted to the Library Endowment Committee offering a permanent home for the AIS Library and Archives. The proposals were for sites in Beltsville, Maryland, Region 4; Dresden, Tennessee, Region 7; and Silverton, Oregon, Region 13. Board members were asked to study all three proposals before Mahan presented his full report during the afternoon session.

Mahan emphasized that the Historic Iris Prevention Society recommends that the AIS consider only a short-term agreement of not more than two years when beginning the permanent location relationship, regardless of which proposal is accepted.

Barr announced that three representatives from Silverton, Oregon, had traveled to Fort Worth to deliver personal presentations of their city's proposal to the AIS Board. These representatives, Ken Helton, Mayor of Silverton; Mason Branstetter, Chamber of Commerce representative; and Mike Scott, City Manager, were introduced by Rick Ernst. A short video tape about Silverton was shown, after which each of the three representatives gave his perspective on the advantages the Silverton location could offer the AIS. A supportive and encouraging letter from Oregon's U.S. Senator Mark O. Hatfield was presented to President Barr who read it aloud to the meeting. Following a lengthy question and answer exchange, Barr thanked the representatives for their very interesting presentation and called a twenty minute recess.

Before returning to regular business, Barr requested that Board members take time during the lunch recess to become familiar with all three library proposals.

Foundation Liaison Pettijohn reported that the annual business meeting of the AIS Foundation had been held the previous evening. Three trustees were elected. Two new trustees, Bennett Jones and Robert Hollingworth, replace Harold Stahly and Marilyn Holloway. Eric Tankesley-Clarke was elected to serve as President. In presenting the Foundation's financial profile for 1992, Pettijohn reported income of \$11,337, expenses of \$1,142, and grant awards amounting to \$14,825. The Foundation's net worth dropped \$5,000 for 1992. During the first quarter of 1993, contributions and interest totaled \$1,700, expenses totaled \$120, and \$5,000 was paid to a grant from a previous year. The current net worth of the Foundation is approximately \$110,812.

Concerning other Foundation business, Pettijohn reported that the Foundation Board established a policy of limiting grants to the Foundation's annual income and restricting the use of money from the basic fund. Recently the average annual income has been about \$15,000. He reported that when the subject of merging or consolidating with the AIS was brought up for discussion, the Foundation's Board expressed little interest since they failed to understand what benefit could come to either party should such a merger be possible. A discussion followed in which the possible liabilities and benefits of consolidation were examined and the differences between the nature of the Scientific Committee and that of the Foundation were compared.

Pettijohn passed around a recent issue of *The Journal of Heredity* featuring a lovely iris cover and an article on Louisiana Irises, both of which were done by Mike Arnold, a recipient of a Foundation grant for work he is doing on Louisiana irises.

Mahan asked whether the Foundation would consider a grant to the AIS for the Library project. Pettijohn said that such an application would be considered and could be covered under the educational purview.

Corlew asked why the Foundation is not working to build a larger treasury. Pettijohn responded that some members in the AIS do not believe this should be done. The discussion that followed focused on the need to build the Foundation's treasury and examined the problems of doing so.

In answer to Mahan's question asking why the Foundation only partially funded the most recent Dr. James Waddick expedition to China, Pettijohn answered that since the proposal was decided by a mail vote, he did not know why the results were what they were. Stahly, a trustee on the Foundation Board at the time this proposal was presented, pointed out that the time frame in which the proposal was submitted and needed to be answered made it necessary that the vote on the grant be conducted by mail. Balloting by mail requires five votes in favor of awarding a grant, and this proposal did not receive the required votes. Balloting by mail makes it difficult to know the factors affecting the vote. When it was stated that a few AIS members were unhappy because they did not understand why only partial funding was granted to Waddick's proposal, Stahly responded that he could speak only for his vote and that he had voted against the full amount. He explained that anytime a grant proposal is submitted to the Foundation, one weighs that proposal against other actual and/or possible proposals in order to assess

the value of the research, or whatever the proposal asks to fund, to the average society member. Stahly stated that it was his personal opinion that in this instance other uses of Foundation money had more significant value to AIS members than this particular expedition. Pettijohn added that confusion developed over the amount of the request when Foundation Trustees learned that money for the trip was coming into the project from other sources in addition to the Foundation, and that this confusion may have influenced the vote. Mahan said he thought these remarks had helped to clarify the process and problems faced by Foundation Trustees when deciding on a grant proposal.

Stahly spoke in favor of the idea of the Foundation's building an endowment fund and trying to live off that income. He suggested that critics of the amount of money in the Foundation's treasury do not really understand the purpose of an endowment. He further suggested that publicizing the endowment fund and encouraging contributions to the fund, not to specific projects, would help to raise awareness of the value of such a funding program. Pettijohn said he thought that if in the quarterly letter the President of the AIS would encourage support to the Foundation, it would be appreciated and most helpful. Barr stated that she would be happy to do this. Pettijohn advised that in order to have an endowment, the Foundation will need more help from the AIS Board, and that fund-raising help from any AIS group or individual would be gratefully received. Stahly asked Pettijohn if the Foundation could accept contributions which are stipulated as being for an endowment fund. Pettijohn answered in the affirmative, adding that the Foundation does not like to accept restricted funds but will do so.

Slides Chairman Shockey said that although he had nothing to report, it was a pleasure to announce that the slides program has been very busy this year.

RVP Counselor Stahly stated that a good meeting with the RVPs had taken place the previous night. Region 1 reported having raised \$3,000 toward the Wister Medal Fund, stating that about \$2,800 more will be needed in order to reach the estimated initial cost of approximately \$5,800. Contributions will be needed to reach this goal. Those who want to contribute should make checks payable to the Wister Medal Fund and send them to Region 1 Treasurer, Marty Schafer, 45 Elm Street, Bedford, MA 01730. Those attending the convention may give checks to Region 1 RVP Barbara Schmieder who will get them to Schafer.

Mahan asked if the Wister Medal Committee has a plan for the disposition of contributions received in excess of the amount actually needed. Schmieder responded that she knew of none. Stahly advised that since this is something which could easily happen, the committee should discuss this possibility and decide what to do should excess funds be collected.

Continuing his report on the RVP meeting, Stahly said that in answer to a question about obtaining copies of the AIS Bylaws, instructions had been given to send a request for Bylaws to Secretary Stayer who will send a copy of the old AIS Bylaws accompanied by the notation that new amendments to the Bylaws are to be found in *AIS Bulletin* #228, January, 1993, pp. 68-69.

The desirability of having a small silver pin to present to retiring RVPs was discussed at the meeting. A proposal regarding this will be presented to the Board at a later time.

Stahly reported that considerable concern was expressed about the need for the RVP Handbook revision. Concern was expressed also about whether suggestions from the RVPs were being heard and considered, with the idea of incorporating them into the handbook. A report on the progress of this project is scheduled for later in the agenda.

Questions regarding liability insurance were raised at the RVP meeting. It was noted that some national organizations similar to the AIS have blanket policy plans in which the cost of insurance is prorated among the Regions or local units so that every meeting, every show, every national meeting, etc., is covered for liability up to one million dollars. The discussion did not go beyond agreeing that this was a good direction in which the AIS ought to proceed.

Those elected to RVP Board of Counselors offices for the coming year were—Personnel Committee Representatives, Barbara Schmieder (Region 1) and Riley Probst (Region 18); AIS Board Representative, Paul Gossett (Region 22); RVP Chairman, Caryl Meyer (Region 11); and RVP Secretary, Maxine Perkins (Region 23).

Before moving to the next report, Niswonger returned to the idea of liability insurance brought up in Stahly's report. Harder stated that he is doing some research on this subject as a result of his position on the National Board of the American Hemerocallis Society. Mahan suggested that the AIS look into what arrangements may have been made by the Gladiolus Society, which also has been reported to have the kind of umbrella liability insurance described at the RVP meeting. Barr requested that Harder contact both of these societies for information about their liability coverage, investigate the merits of and the procedure for obtaining such coverage for the AIS, and report his findings to the fall meeting.

Section Liaison Lineberger reported that those present at the meeting of section representatives held the previous evening were: Perkins (SIS), Brookins (SJI and RIS) Tankesley-Clarke (DIS), Willott (MIS); Stahly (SSI); Rigby (SIGNA); AIS President Barr and Section Liaison Lineberger. Lineberger reported on the following topics that were covered at the meeting:

1. The merger of The Louisiana Iris Society of America and The Society for Louisiana Irises was officially announced. This merger took six years to effect and represents a big step forward for both groups. The resulting organization is known as The Society for Louisiana Irises and functions as a cooperating society with the AIS.

2. The AIS Board action of November 1992 providing funds to sections for incorporating expenses was presented. This Board action makes funds up to \$500 available to each section for attorney fees for incorporation and for revision of bylaws as needed to bring the section into line with AIS requirements.

Lineberger said that he had made it clear to representatives that in order to take advantage of this assistance it is necessary for a section to go through Secretary Stayer's office. When asked if the legal work must be done through Attorney Spain's office in order to be eligible for this financial assistance, Stayer replied that she believes it must.

3. The influence of section newsletters on the growth of their sponsoring group received justified attention. Lineberger remarked that receiving newsletters from all the various groups within the AIS during his service as Section Liaison has allowed him the opportunity to observe the recent, dynamic development of section publications. He believes this impressive improvement of section publications to be a major contributor to the rapid growth of so many sections.

4. The pros and cons of being an AIS section versus being a cooperating society were discussed vigorously. Some objected to an AIS Board policy which does not allow a section to receive free space in the *Bulletin* to publicize a mini-convention or any other section activity.

5. The view of AIS Conventions as tall bearded conventions was voiced as a complaint common to many section members. National convention times are routinely scheduled for peak tall bearded bloom, and hybridizers specializing in something other than tall bearded irises lose enthusiasm for sending their plants to conventions where there is little or no chance that those irises will be blooming at convention time. National Convention meeting schedules commonly assign section meetings to the day before many people arrive at a convention, making attendance at a section meeting either costly or impossible and almost always inconvenient. Section leaders would like sections to receive more consideration when the schedule for a national convention is being prepared. The Washington, D.C. Convention meeting schedule is often praised for being fair, and Lineberger, noting this, urged Mahan to continue to recommend it to convention chairmen as a model for future convention schedules. Mahan, saying that he wanted to give credit where credit was due, stated that the Washington Convention committee had adapted the meeting schedule format from the one used in San Jose.

Section leaders recommend that the relationship between the AIS National Convention and Section Conventions receive serious attention.

6. The rumor that some people are discontinuing membership in the AIS and opting for section membership only was examined. Although there is no evidence to show how widespread this attitude may be at this time, the argument is that it is a growing one because section newsletters are of greater interest to section members than the AIS *Bulletin* and are the real reason most people join sections in the first place.

7. The need for more AIS action in support of sections was stressed. Two examples of the kind of action being sought were: soliciting reports from section conventions for publication in the AIS *Bulletin* and AIS co-sponsorship of some of the mini-conventions.

8. The AIS policy governing the kind of section information that can be printed in the *Bulletin* needs to be clarified.

It was observed that the selection of a section representative to serve on the 1994 Personnel Committee had not taken place at the Section Representatives' meeting. Barr asked Lineberger to poll section leaders during the lunch break and select a representative, the name to be announced following the break.

At the conclusion of his report Lineberger stated that he would be going off the Board this year after serving as Section Liaison for some time, and he wanted to express his appreciation to all of those who had made his work enjoyable.

In the discussion that took place following Lineberger's report, it became clear that there was great uncertainty about the meaning and application of the AIS policy dealing with publicizing section events in the *Bulletin*.

Corlew moved, Mahan seconded, that a committee be appointed to study the policy affecting the advertising of section events in the AIS *Bulletin* and to report the findings of the committee at the fall Board meeting. Motion carried.

Corlew moved, Stahly seconded, that a special committee be formed to address the relationship between the section mini-conventions and the AIS National Convention and to try to dispel the dissatisfaction being heard from the sections. Motion carried.

The meeting recessed for lunch at 12:15 p.m. to reconvene at 1:30 p.m.

Barr opened the afternoon session at 1:40 p.m. with an announcement from Lineberger that the Section Representative to the 1994 Personnel Committee will be Maxine Perkins.

Region 1 RVP Barbara Schmieder reported on the Wister Memorial Medal for the Iris Society of Massachusetts. The final decision in the medal design competition, announced in the July, 1992 *Bulletin*, will be made when all eight judges gather to confer at the Region 1 meeting on May 15.

Schmieder listed regions, societies, and individuals who have made donations to the Wister Medal fund. These have been listed in the April, 1993 AIS *Bulletin*. The amount donated thus far is approximately \$3,000.

Chairman Bobbie Shepard presented the report from the 1993 Personnel Committee composed of Hilda Crick, the late James Fry, Paul Gossett, Dave Niswonger, and Chairman Bobbie Shepard. The following candidates for nomination were recommended for terms ending in 1996: incumbents Gristwood and Jones, and Terry Aitken, Doug Goodnight, James McWhirter, and Lynda Miller.

B. Jones nominated Jeanne Plank. Mahan seconded the nomination, and the Board voted approval. Jeanne Plank's name was added to the list of candidates.

Jones stated that he has decided to retire from active duty upon completion of his term in the fall, and he requested that his name be removed from the ballot.

With the acceptance of Jones' withdrawal, the list of candidates for nomination reads: incumbent Lillian Gristwood, and Terry Aitken, Doug Goodnight, James McWhirter, Lynda Miller, and Jeanne Plank.

The Board retired to executive session to consider the nominations.

When regular session resumed, Barr announced that the nominees are Gristwood, Aitken, McWhirter, and Plank, and she thanked the Personnel Committee for their work.

Reporting for the Board of Counselors, Shepard expressed the group's desire to have a special pin to present to retiring RVPs. The Board of Counselors is requesting that the AIS fund the \$300 cost of the die for this pin, and further that the AIS make a gift of such a pin to all present and future RVPs at the end of their term. Each pin has a cost of approximately \$25, and an average of eight RVPs leave office each year.

Stahly moved, Lineberger seconded, that the request by the Board of Counselors be granted. Motion carried.

Mahan concluded his report on the Library proposals. He recommended that the AIS Board choose one of the three proposals and repeated his recommendation that the AIS consider entering into a short-term contract of two years only with whichever group is chosen.

Mahan moved, Lineberger seconded, that the Board formally commend Joyce Reynolds of Dresden, Tennessee, Phil Ogilvie, of Washington, D.C., and Rick Ernst, of Silverton, Oregon, for their work in helping to encourage, develop, and guide these proposals toward presentation to the AIS Board. Motion carried.

A lengthy discussion followed Mahan's presentation during which Board members from around the table asked questions, voiced concerns, and expressed observations in reference to each and all of the proposals. As discussion progressed, the Beltsville, Maryland, proposal began to emerge as too costly for AIS consideration at this time, especially in conjunction with the proposals from Dresden and Silverton.

Niswonger moved, Jones seconded, that the AIS choose either Silverton, Oregon, or Dresden, Tennessee, as the site to locate the AIS Library on a two-year short-term basis. Motion carried.

Votes were cast by written ballot and resulted in a tie.

A straw vote taken from the guests in the audience resulted in a tie also.

President Barr called a short recess.

When the meeting reconvened, Barr announced that Henry Wulf, of Lincoln, Nebraska, had offered to move the library materials out of storage in Ponca, Nebraska, into storage in either Lincoln or Omaha, Nebraska, and to oversee the care of these items for six months.

Jones moved, Stahly seconded, that the AIS accept this offer. Motion carried.

Barr called on Jones, as Chairman, to report the findings of the Committee to Study Convention Awards. Jones reported that in view of the need to replenish or replace the medal indicators for the Cook, President's, and Walther Cups following this convention, he and the other committee members, Niswonger and Carol Warner, had considered keeper trophy designs different from those awarded in the past. Jones described an alternative design, suggested by Niswonger which would cost the AIS \$45 to \$50 each, engraving not included. While a catalog picturing the suggested keeper trophy was circulated among board members, Jones asked Niswonger to further detail the advantages and options associated with it.

Corlew moved, Lineberger seconded, that the Board accept the recommendation of the Committee to Study Convention Awards and use the five inch trophy described by Jones and Niswonger as the keeper award for the Cook, President's, and Walther Cups. Motion carried.

Jones reported on the controversy that has developed since the AIS Board voted at the 1992 fall meeting to limit AIS garden awards to irises hybridized in the United States or Canada. It would appear that people working with beardless and species irises have been more affected by this Board decision than those working with bearded irises. Jones suggested that better understanding of how awards are handled in the United States and throughout the world might help, and he advised that the following basic facts must be understood:

1. No foreign country with an iris society has awarded high awards to United States irises.
2. The AIS is the official international registrar for all irises except bulbous irises, which are handled by the Dutch. All registrations must be submitted to the AIS by the hybridizer.
3. Introduction determines the date of entry into the AIS awards system and occurs the first time an iris is listed for sale in one of the following places: the *AIS Bulletin*; a price list; or a catalog. When a price list or catalog is used, a copy of the issue listing the iris for the first time must be sent to the AIS Registrar in order to enter the introduction into the official record. Registrations far outnumber introductions on an annual basis, thus the introduction requirement acts as a governor on the number of irises entering the awards each year.
4. Because registering and introducing foreign irises is a lengthy process, it would take four or five years before such irises would appear on AIS ballots should it be decided to let them become eligible for AIS awards.
5. The AIS awards system operates with the requirement that registration will precede introduction. There are hybridizers who have chosen to introduce an iris the year before it was registered. The committee has taken the position that the iris in that kind of circumstance will be allowed only one year of HM eligibility, which greatly affects the distribution of that iris, and distribution is an important part of the awards system.

Jones reminded board members that there is a committee studying the feasibility of establishing awards for foreign irises and that this should be kept in mind as discussion begins on the points brought

up in his report. Jones went on record as being favorably disposed toward AIS-sponsored foreign iris awards.

Mahan stated that until the 1992 fall meeting, the policy of the AIS had been that foreign irises registered and first introduced in the United States were eligible for AIS awards. The 1992 policy ended this, penalizing those foreign irises, mostly Japanese, which had been introduced first in this country with the understanding that by doing this they would be eligible for AIS awards.

Niswonger reported that the members of The Foreign Iris Awards Committee have made a sincere effort to formulate a proposal on a foreign irises award. Niswonger reviewed the correspondence received by the committee, presented some of the pros and cons on the subject excerpted from the correspondence, and concluded by offering the committee's recommendation that more extensive study be given to the question of foreign irises and the AIS awards system, and that action on a foreign iris award be deferred until the fall meeting.

Barr asked the Foreign Iris Awards Committee to work with a new committee to be called The Committee to Re-study Awards. Barr asked for Board approval of this new committee and named Clarence Mahan as chairman, with Bennett Jones, Keith Keppel, Colin Rigby, Harold Stahly, and Ken Waite. The combined committees are requested to bring their suggestions and recommendations for a solution to the 1993 fall meeting. Barr suggested that anyone interested in expressing an opinion on this subject should write to the members of the committee between now and the fall meeting. Corlew moved, Niswonger seconded, that the appointments to the Committee to Re-study Awards be approved. Motion carried.

Mahan moved, Corlew seconded, that foreign irises registered and introduced in this country first by 1992, or earlier, retain eligibility for AIS Awards until their normal individual schedule of eligibility expires. Motion carried.

Rasmussen reported on the preparations to celebrate the AIS 75th Anniversary. He held out hope that a commemorative stamp issue is still possible. Since all 75th anniversary activities relate to the 1995 Convention, he suggested that Board members might contact 1995 National Convention Chairman Hal Griffie, when he arrives at this convention, and offer him encouragement in his efforts on the 1995 event. The motto for the 1995 convention will be "Seventy-five in ninety-five," however, choice of a logo has not yet been made.

Entries in the poster contest will be sent from the artist to Bennett Jones who will, at the appropriate time, turn them over to judges appointed by the President. The judges will select the winner at the Portland convention. The winning entry will become the poster for the 1995 convention. Rasmussen requested that the Board approve a \$400 honorarium for the artist with the winning poster.

Jones moved, Niswonger seconded, the Board approve the honorarium request. Motion carried.

Rasmussen stated that each entry in the contest must be accompanied by an entry form on which it is stipulated that the AIS is the sole owner of this poster if it is the winning entry. All other posters will be returned to the artist. In closing, Rasmussen announced that Terry Aitken will be the editor of the 75th Anniversary publication.

M. Lowe presented a proposal from H.I.P.S. to sponsor a page in the AIS *Bulletin* as a regular feature dealing with historical matters of interest to the general readership, the frequency and length to be determined by Editor Mullin and Phil Edinger, who has agreed to take on the project. Niswonger moved, Mahan seconded, that the H.I.P.S. proposal be approved. Motion carried.

Barr appointed Melody Wilhoit and Larry Harder to be the two Board representatives to the 1994 Personnel Committee and asked for Board approval. Stahly moved, Niswonger seconded, that the Board approve these appointments. Motion carried.

Nelson-Keppel, Mullin, and Lineberger were appointed by Barr to serve as the Committee to Study the Policy on the Promotion of Sections in the *Bulletin*. The newly formed committee was asked to report to the Board at the fall meeting.

Corlew gave the report from the Reciprocal Publications Committee, which was comprised of Harder, Harlow, and himself. The committee recommended:

1. That a "Foreign Correspondent" standing committee be approved and that the President appoint a chairman.

2. That the chairman of this committee be authorized to contact other national iris organizations and arrange for the reciprocal exchange of publications where possible, or if this is not possible to subscribe to their publications.

3. That the committee chairman receive and scan these publications for items and information that would be of interest to the AIS general membership and forward such material to the editor for inclusion in the AIS *Bulletin*.

4. That the foreign publications be sent to the AIS Library for reference when they are no longer in use.

Corlew moved, Mahan seconded, that the recommendations of the committee be accepted. Motion carried.

Waters asked that the deadline date for slides to be submitted for use in the 1994 AIS calendar be changed from July 1 to June 1. Waters further stated that Dorling Kindersley, Inc. is preparing to publish *A Dictionary of Plants*. The editors have asked for permission to use the line, "This list was prepared in consultation with The American Iris Society." Waters suggested that the Board approve the use of this line. Niswonger moved, Mahan seconded, that the Board follow the suggestion from Waters. Motion carried.

Consideration of the revision of the Judges Handbook was deferred until the fall meeting.

Barr read a statement from Mullin about the RVP Handbook. Mullin reported that the handbook has

been revised but that it has not been printed because the format and the number to print were not given. Mullin asked for direction in these matters. Stahly moved, Mahan seconded, that the Board follow Mullin's recommendations on format and that Mullin be informed that the Board would prefer to have the handbook printed on 8 1/2" x 11" paper in a quantity of 200. Motion carried. Stahly will notify Mullin.

Niswonger was appointed by Barr to handle the purchase of the new keeper awards for the President's, Cook, and Walther Cups.

Barr announced that the fall Board meeting will be held in Tulsa, Oklahoma, on November 5, 6, and 7. The Trade Winds Central Hotel will be meeting headquarters in Tulsa.

Barr thanked the Fort Worth Convention Committee for an excellent job of preparing for this convention. There was a round of applause in appreciation for the hard work and dedication of all those involved. The meeting was adjourned at 4:45 p.m.

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Number 291 October 1993



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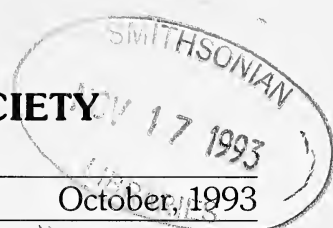
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On The Cover: The 1993 Dykes Winner, Edith Wolford. Photo by Ben Hager.

Photo Credits: Terry Aitken 10 center right, lower left, 36; Carl Boswell center right 11; Doug Goodnight 20; Larry Harder 10 upper right; Bob Hollingworth 11 upper left; Don Koza 32, 34 top and bottom; Eleanor McCown 11 lower right; Lynda Miller 10 center right; Ron Mullin 11 center left; Hooker Nichols 22, 23 top; Melinda Robbins 10 lower right; Henry Rowlan 11 upper right; Schreiners 10 upper left; Larry Stayer 23 bottom, 31, 33, 34 middle 35, 38 top and middle, 41 top; Vern Wood 11 lower left; Opal Wulf 38 bottom.



From the Desk of the President

Claire B. Barr

The busy pace of another iris season has slowed down as fall shows have ended and gardens have been made ready for the winter months. Some of us will soon be heading for Tulsa to attend the fall Board meeting.

There are several important issues to be discussed there, two of the more important being a location for the AIS Library and certain questions concerning AIS garden awards. Both subjects are comprehensive in nature, and while it is hoped that final decisions can be reached at that meeting, we would do well to remember that sometimes additional problems can be created by moving ahead too quickly. As my elders used to tell me, "Haste makes waste." I am sure Board members will endeavor to resolve these matters in the best way possible.

At the Board meeting in Fort Worth, there was discussion about the AIS Foundation and its endowment, prompted in part by criticism of the size of the Foundation's treasury with respect to its grants. It was suggested that perhaps there are those who do not understand the real purpose of an endowment, the building of a large fund so that income generated by that fund can be used for designated purposes leaving the body of the fund, the endowment, to continue producing income. That is a very simple way of stating an important objective. The AIS Foundation was established in 1970, a not-for-profit organization, a place for fitting memorials for iris friends, and a means of funding scientific and educational work in the iris field. The Foundation is eligible for gifts and bequests. The members of the AIS would do well to remember the Foundation as a place for gifts and memorials and to keep in mind that the building of the Foundation's endowment will perpetuate continued educational and scientific research.

Also at the spring meeting, the Board voted to present an RVP pin to all present and future RVPs at the end of their term; this is well-deserved recognition for three years of dedicated service. And, for the Committee for the 75th Anniversary of the AIS, Chairman Rasmussen announced details of the poster contest. I urge all of you to polish up those creative skills and produce a poster. Your entry just might be the winning one announced at the Portland convention next year.

1993 AIS AWARDS

DYKES MEMORIAL MEDAL

EDITH WOLFORD TB (BEN HAGER) 113 votes

runners-up

BREAKERS TB (SCHREINERS) 39 Votes

IMMORTALITY TB (L. ZURBRIGG) 37 Votes

JOHN C. WISTER MEDAL (TB)

VOTES

229 SILVERADO (Schreiners)

runners-up

70 CHAMPAGNE ELEGANCE

(D. Niswonger)

48 ORANGE SLICES

(D. Niswonger)

KNOWLTON MEDAL (BB)

166 ZINC PINK (A. Ensminger)

runners-up

96 CHICKASAW SUE (J. Gibson)

67 BROWNBERRY

(A. & D. Willott)

HANS AND JACOB SASS MEDAL (IB)

106 MAUI MOONLIGHT (T.

Aitken)

runners-up

84 RED ZINGER (P. Black)

57 ASK ALMA (C. Lankow)

COOK-DOUGLAS MEDAL (SDB)

81 DARK VADER (R. & L. Miller)

runners up

64 JEWEL BABY (E. Hall)

59 RAZZLE DAZZLE (G. Gaddie)

CAPARNE-WELCH MEDAL (MD8)

70 SPARKY (T. Aitken)

runners-up

36 LITTLE GREEN EYES

(C. Boswell)

31 SNOWY RIVER

(A. & D. Willott)

31 FUNNY FACE (M. Brizendine)

MORGAN-WOOD MEDAL (SIB)

144 JEWELLED CROWN

(R. Hollingworth)

runners-up

53 TEMPER TANTRUM

(W. McGarvey)

46 INDY (R. Hollingworth)

MARY SWORDS DEBALLION MEDAL (LA)

47 FRANK CHOWNING

(H. Rowlan)

runners-up

44 EXQUISITE LADY (A. Owen)

43 DELTA DOVE (M. Dunn)

WILLIAMSON-WHITE MEDAL (MTB)

230 BUMBLEBEE DEELITE

(J. & D. Norrick)

runners-up

62 ROSEMARY'S DREAM

(M. Dunderman)

53 AACHEN ELF (L. Kennedy)

53 CRYSTAL RUFFLES

(M. Dunderman)

C. G. WHITE MEDAL (AR)

(½ or more Aril)

71 SYRIAN JEWEL (H. Shockey)

runners-up

41 DEE MOUSE (H. Danielson)

36 KHYBER PASS (K. Kidd)

WILLIAM MOHR MEDAL (AB)

(¼ to ½ Aril)

77 JEWEL OF OMAR (C. Boswell)

runners-up

- 35 HUMOHR (B. Hager)
 29 OMAR'S TORCH (C. Boswell)

ERIC NIES MEDAL (SPU)

- 56 BETTY COOPER (E. McCown)

runners-up

- 50 SON OF SUN (F. Wickenkamp)
 36 CINNAMON STICK
 (D. Niswonger)

SIDNEY B. MITCHELL MEDAL (CA)

- 34 MIMSEY (V. Wood)

runners-up

- 16 DRIVE YOU WILD (J. Ghio)
 15 BIG MONEY (J. Ghio)

J. A. PAYNE MEDAL (JA)

Due to extended deadline for voting, results will be reported in a later AIS Bulletin.

Award of Merit

TALL BEARDED**VOTES**

- 154 THORNBIRD (M. Byers)
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 (S. Innerst)
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 (K. Keppel)
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 101 TENNISON RIDGE (J. Begley)
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 (J. McWhirter)
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 (E. Roderick)
 83 WINDSONG WEST
 (H. Nichols)
 77 EVENING GOWN (J. Ghio)
 76 MARIA TORMENA
 (A. Ensminger)
 75 LULLABY OF SPRING
 (Schreiners)
 75 SKYBLAZE (K. Keppel)
runners-up
 74 INSTRUCTOR (S. Innerst)
 74 SWEETER THAN WINE
 (Schreiners)
 73 MARRIAGE VOWS (J. Ghio)

BORDER BEARDED

- 92 SONJA'S SELAH
 (A. Ensminger)
 90 CALICO CAT (C. Lankow)
 71 BORDER BANDIT (P. Black)
 67 BLACKBEARD (J. Weiler)
runners-up
 61 MAID OF ORANGE (T. Aitken)
 58 RUBY WILSON (D. Denney)
 57 AEGEAN WALTZ (H. Nichols)

INTERMEDIATE BEARDED

- 166 BLUE EYED BLOND
 (A. Ensminger)
 118 HOT SPICE (T. Aitken)
 105 SUNNY DAWN (B. Jones)
 73 THEDA CLARK (H. Nichols)
 70 BLUEBIRD IN FLIGHT
 (D. Niswonger)
runners-up
 60 TRIPLET (K. Keppel)
 53 LOW HO SILVER (M. Byers)
 50 I BLESS (L. Zurbrigg)

STANDARD DWARF BEARDED

- 133 SERENITY PRAYER (P. Dyer)
 94 PUMPKIN CENTER (B. Jones)
 82 TU TU TURQUOISE (P. Black)
 58 BAY RUFFLES (B. Warburton)

- 55 SPLASH OF RED
(D. Niswonger)
50 SEA URCHIN (T. Aitken)
runners-up
47 PATACAKE (P. Black)
45 LITTLE SHOWOFF (E. Hall)
45 SASS WITH CLASS (P. Black)

MINIATURE DWARF BEARDED

- 39 SPOT OF TEA (P. Black)
36 CANDY FLUFF (L. Miller)
34 GRAPELET (T. Aitken)
27 HARRY HITE (H. Hite)
27 MIST OF BLUE (C. Palmer)
27 PETITE JEWEL (D. Albers)
runners-up
25 PIXIE FLIRT (A. & D. Willott)
24 DAISY FRESH
(A. & D. Willott)
24 STRAWBERRY CREAM
(J. Boushay)

SIBERIAN

- 67 LIBERTY HILLS (A. Miller)
60 SPRINGS BROOK
(B. Warburton)
56 CATHY CHILDERS
(D. Johnson)
51 REPRISE (B. Warburton)
runners-up
44 PAS-DE-DEUX
(R. Hollingworth)
41 SHIRLEY'S CHOICE
(C. McEwen)
40 REGENCY BUCK
(C. McEwen)

MINIATURE TALL BEARDED

- 148 FROSTED VELVET (K. Fisher)
42 CAROL LEE (K. Fisher)
32 INNER FIRES (J. Witt)
32 DOTTED DOLL (J. & L. Fry)
runners-up
31 JOLLY JIM (M. Dunderman)
31 CHERRY (M. Dunderman)
30 SECOND OPINION
(L. Bausch)

LOUISIANA

- 37 VODOO MAGIC (H. Rowland)
32 PROFESSOR JIM
(J. Mertzweiller)
runners-up
31 TOMATO BISQUE (R. Morgan)
30 C'EST BONNE (M. Dunn)
29 SATCHMO (M. Dunn)

SPURIA

- 56 CHOCOLATE FUDGE
(D. Niswonger)
43 MISSOURI BLUE
(D. Niswonger)
30 COUNTESS ZEPPELIN
(B. Hager)
runners-up
28 BELISSINADO (G. Corlew)
20 SONORAN SENORITA
(F. Wickenkamp)
17 KITT PEAK (F. Wickenkamp)

ARILBRED ¼ TO ½ ARIL

- 43 SHEBA'S BEAUTY
(H. Nichols)
37 SOLOMON'S GLORY
(H. Nichols)
runners-up
35 OMAR THE TENTMAKER
(C. Boswell)
19 KUALA LUMPUR (Moore)
17 HOT SPOT (C. Boswell)

ARIL ½ OR MORE Aril

- 36 PERSIAN PADISHAH
(H. Shockey)
32 SYRIAN PRINCESS
(H. Shockey)
runners-up
31 ZIMBEK (F. Gadd)
20 PINK BETTERMENT
(L. Peterson)
16 ARIL SKYLINE (H. Danielson)

CALIFORNICAE

- 39 SIERRA DELL (L. Lawyer)
26 FORT POINT (V. Wood)

runners-up

- 21 IN THE MONEY (J. Ghio)
16 SMUGGLER'S COVE
(V. Wood)

Walther Cup

Most HM votes—All categories

VOTES

- 112 TENNESSEE GENTLEMAN TB
(S. Innerst)

- 110 MAUI MAGIC BB (T. Aitken)
105 FIRST INTERSTATE TB
(Schreiners)

Honorable Mention

TALL BEARDED

VOTES

- 112 TENNESSEE GENTLEMAN
(S. Innerst)
106 FIRST INTERSTATE
(Schreiners)
89 CITY LIGHTS (M. Dunn)
80 HOT TO TROT (J. McWhirter)
79 CHRISTMAS (J. Gatty)
79 OREGON SKIES (Schreiners)
79 SUKY (G. Mahan)
73 VIGILANTE (Schreiners)
71 FIELD OF DREAMS (Denney)
69 SOCIAL EVENT (K. Keppel)
68 CHOCOLATE MARMALADE
(L. A. Fort)
67 HORATIO (B. Hager)
66 TENNESSEE WOMAN
(S. Innerst)
62 ROSARITA (K. Keppel)
60 CLOUD BALLET (Lyle Fort)
58 MIDNIGHT DANCER
(Schreiners)
58 UNFORGETTABLE FIRE
(Schreiners)
57 CHANGE OF PACE
(Schreiners)
57 RIVERBOAT BLUES
(Schreiners)

- 55 CLASSY CHASSY
(M. Osborne)
55 CORAL SUNSET (Schreiners)
55 HONEYMOON SUITE
(J. Ghio)
55 MAHARISHI (K. Keppel)
55 MANUSCRIPT (J. Burch)
53 CARACAS (J. Ghio)
53 DISTANT ROADS (K. Keppel)
53 GOD'S HANDIWORK
(J. Ghio)
53 RIDE THE WIND (Schreiners)
52 HEAVENLY RAPTURE
(Schreiners)
52 MESMERIZER (M. Byers)
51 GRATUITY (B. Hager)
51 ROSA NOVA (Schreiners)
50 STARLIT VELVET (H. Stahly)
50 STATUS SEEKER
(L. Gartman)
49 BLUE BALLET (K. Keppel)
49 LARCENIST (J. Burch)
49 NOTORIOUS (J. Ghio)
49 PRETTY BEGINNING
(E. Jones)
49 SINISTER (D. Denney)
48 ELECTRIC AVENUE
(R. Nelson)

48 PINK GALA (V. Wood)
 47 SHOPPER'S HOLIDAY
 (McWhirter)
 46 ART SCHOOL ANGEL
 (Vizvarie)
 46 RUFFLED FEATHERS
 (S. Innerst)
 46 SOFT CARESS (J. Gatty)
 45 HI HO SILVER (M. Byers)
 45 RAMONA HOWARD
 (J. McWhirter)
 44 AMADEUS (C. Tompkins)
 44 COTE D'OR (Schreiners)
 44 GETUP AND GO
 (C. Tompkins)
 44 PEACH PICOTEE (Schreiners)
 44 WINGS OF GOLD (Maryott)
 43 DRACULA'S SHADOW
 (J. Hedgecock)
 43 JAZZ FESTIVAL (Schreiners)
 43 PINK BLUE GENES
 (D. Niswonger)
 43 SILICON PRAIRIE (T. Stanek)
 42 CARAMEL AND HONEY
 (C. Hahn)
 42 KINGLY DIGNITY
 (D. Niswonger)
 42 REGAL AFFAIR (G. Shoop)
 42 THROB (J. Weiler)
 42 THUNDER MOUNTAIN
 (Schreiners)
 41 BOUNTIFUL HARVEST
 (B. Hager)
 41 CHIEF QUINABY (Schreiners)
 41 CHIPPEWA BRAVE
 (F. Rogers)
 41 POWER SURGE (J. Ghio)
 40 AMBER TAMBOUR (R. Ernst)
 40 COMPETITIVE EDGE
 (R. Ernst)
 40 FRECKLED SUNSHINE
 (P. Black)
 40 IN PERSON (B. Hager)
 40 MIDNIGHT FRAGRANCE
 (S. Stevens)
 40 MY SHADOW (T. Magee)
 40 PARIS BLUES (M. Dunn)

40 SEAPORT (K. Keppel)
 40 SILHOUETTE (M. Dunn)
 39 FIRE ON ICE (J. Weiler)
 39 FULL MOON RISING
 (D. Mohr)
 39 NEFERTITI'S DAUGHTER
 (D. Niswonger)
 39 OPENING ACT (L. Lauer)
 39 PAT LOUGHRAN
 (J. Durrance)
 39 ROYAL INTRIGUE (Schreiners)
 38 ANNE GADDIE (G. Gaddie)
 38 EVENING MAGIC (Schreiners)
 38 FUJI SKIES (C. Tompkins)
 38 GIRL NEXT DOOR (P. Black)
 38 GOOD GUY (B. Hager)
 38 TOMOKO (R. Nelson)
 37 AUSTRIAN GARNETS
 (Maryott)
 37 FLY WITH ME (T. Aitken)
 37 HOT PINK (J. Weiler)
 37 TEST PATTERN (J. Ghio)

BORDER BEARDED

110 MAUI MAGIC (T. Aitken)
 64 HONKY TONK HUSSY
 (D. Meek)
 42 TINK (J. Durrance)
 36 SNOW BUNNY (O. Brown)
 35 CAIRO LADY (R. Lyons)
 35 RASPBERRY LACE
 (D. Pinegar)

INTERMEDIATE BEARDED

86 SMITTEN KITTEN (T. Aitken)
 80 LEVITY (T. Aitken)
 64 APOLLO'S TOUCH
 (H. Nichols)
 59 ORANGE PETALS
 (D. Niswonger)
 57 RODEO CLOWN (H. Nichols)

STANDARD DWARF BEARDED

98 BEDFORD LILAC (B. Jones)
 65 KIWI CAPERS (D. Niswonger)
 63 VERY VIOLET (B. Jones)

- 60 COMEBACK TRAIL
(H. Nichols)
- 54 PRIVILEGED CHARACTER
(P. Black)
- 49 QUICKEN (T. Aitken)
- 47 BLOOD COVENANT
(H. Nichols)
- 46 WHAT AGAIN (A. Ensminger)
- 45 INKY DINKY (P. Black)
- 45 TOY BOAT (P. Black)
- 38 JOE COOL (T. Aitken)
- 38 JUNGLE WARRIOR (T. Aitken)
- 38 PRINCESS BLUEBEARD
(A. & D. Willott)
- 36 CHERRY FLIRT (T. Aitken)
- 35 FLOWER SHOWER (J. Weiler)
- 35 LIGHTEN UP (L. Miller)
- 34 CREAM CAKE (D. Niswonger)

MINIATURE DWARF BEARDED

- 37 LITTLE RASCAL (J. & L. Fry)
- 32 BITSY (B. Hager)

MINIATURE TALL BEARDED

- 36 OZARK EVENING (K. Fisher)
- 34 PETITE DOLL (H. Rowlan)

SPURIA

- 24 MARITIMA GEM (B. Hager)
- 23 CENTERING POINT (J. Ghio)

SIBERIAN

- 43 VICKI ANN (B. Warburton)
- 40 DEVIL'S DREAM
(Schafer/Sacks)

CALIFORNICAE

- 23 LOS CALIFORNIO (J. Ghio)

- 13 IT'S WILD (J. Ghio)
- 13 LAGUNA CREEK (J. Ghio)
- 11 UPPER ECHELON (J. Ghio)

LOUISIANA

- 45 WILD CAJUN (H. Rowlan)
- 38 BAYOU MYSTIQUE (M. Dunn)
- 27 CHERRY CUP (R. Morgan)
- 26 COUP D'ETAT (M. Dunn)
- 25 VIVE LA DIFFERENCE
(M. Dunn)

SPECIES

- 41 PARTY LINE (B. Warburton)
- 20 PINK PEAKS (Schafer/Sacks)

INTERSPECIES

- 10 ASIAN ALLIANCE (J. Witt)

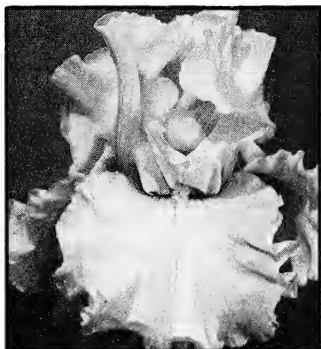
ARILBRED (¼ TO ½ ARIL)

- 21 CHARMING IMAGE
(L. Flanagan)
- 14 EMPEROR MOON (E. Jensen)

ARIL (½ or more)

- 18 DESERT MOONLIGHT
(L. Rich)
- 15 SILENT TEARS (L. Peterson)
- 14 BURRA SAHIB (B. Hager)
- 10 CLOSE CONTACT
(L. Flanagan)
- 10 GOLDEN SCULPTURE
(L. Rich)
- 10 HIDDEN OASIS (L. Rich)
- 10 JET STREAM (L. Danielson)
- 10 STRIPED MOONBEAM
(D. Shepard)

1993 MEDAL WINNERS



Wister Medal
SILVERADO



Knowlton Medal
ZINC PINK



Sass Medal
MAUI MOONLIGHT



Cook-Douglas Medal
DARK VADER



Caparne-Welch Medal
SPARKY



Williamson-White Medal
BUMBLEBEE DEELITE

1993 MEDAL WINNERS



Morgan-Wood Medal
JEWELLED CROWN



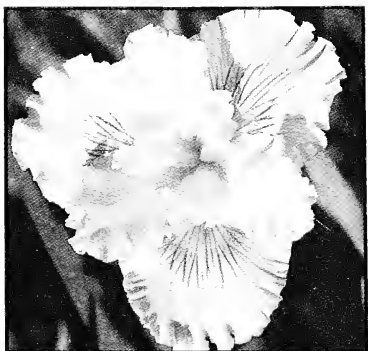
Debailion Medal
FRANK CHOWNING



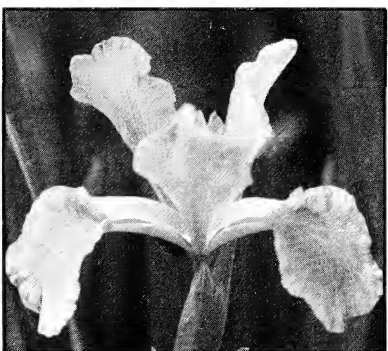
C. G. White Medal
SYRIAN JEWEL



William Mohr Medal
JEWEL OF OMAR



Sydney B. Mitchell Medal
MIMSEY



Eric Nies Medal
BETTY COOPER

AIS MEMBERSHIP RATES

Single Annual	\$ 12.50	Dual Triennial	37.50
Single Triennial	30.00	Single Life	250.00
Dual Annual	15.50	Dual Life	300.00
Youth Member, Without Bulletin			3.00
Youth Member, With Bulletin			4.50

OVERSEAS RATES

Single Annual	\$15.00	Dual Annual	\$18.00
Single Triennial	37.50	Dual Triennial	45.00

Overseas memberships include first class Bulletin and are payable in U.S. Currency

SECTION MEMBERSHIP RATES

	single annual	single triennial	family annual	family triennial
Median Iris Society	5.50	15.00	8.00	22.50
Society for Siberian Irises	5.00	13.00	6.00	15.00
Spuria Iris Society	5.00	12.00	6.00	14.00
Society for Japanese Irises	3.50	9.00	4.00	10.50
Reblooming Iris Society	4.00	10.00	5.00	12.00
Society for Pacific Coast Native Iris	4.00	10.00	5.00	12.00
Species Iris Group of North America	4.00	10.00	5.00	12.00
Dwarf Iris Society	3.00	8.00	4.50	12.00
Historic Iris Preservation Society	5.00	12.00	6.00	15.00

Membership in AIS sections is open to all AIS members. Payment may be made directly to the Section, or may be made payable to the American Iris Society and sent to AIS Membership Secretary, Marilyn Harlow, P.O. Box 8455, San Jose, CA 95155-8455

**PLANNING
TO MOVE ?**



**DON'T FORGET
TO NOTIFY THE
MEMBERSHIP
SECRETARY**

Marilyn Harlow
P.O. Box 8455 San Jose, CA 95155-8455

WHAT I LIKED ABOUT THE 1993 AIS CONVENTION

Peter J. DeSantis (California)

When asked to write about the 1993 AIS Convention in Fort Worth, Texas, I thought: "This is going to be easy," but was I in for a big surprise!

First—The Worthington Hotel was elegant, the rooms spacious and comfortable, room service excellent, and a rose in each room plus a chocolate-covered mint every night when they turned down the bed covers.

The hotel was in the center of downtown Fort Worth, and within a short walking distance were all manner of restaurants. Of course, if one wanted to go to Billy Bob's (Texas barbecue, Texas beer and lots of room for Western dancing), wheels were needed.

Second—The weather all week was just what we ordered: no rain, cool in the mornings and comfortably warm in the afternoons.

Third—The transportation—most buses had air conditioning and bathrooms, and like Murphy's Law in any Convention, some buses became ill.

Fourth—The food was excellent at the gardens, and the chocolate-raspberry cake with raspberry sauce was the piece de resistance at the opening banquet.

Fifth—The Registration Packets were loaded with goodies, including, would you believe, a box of chocolates. Jean Stanley and her committee did a noble job.

Sixth—The Convention favor was a colored wood cutout of an iris, hand painted to match a named iris. For table decorations the centerpiece was a beautiful white ceramic sculptured vase (made by Betty Conrad), filled with different tall bearded iris.

Seventh—Was what we *really* came for—The Gardens. There were four major guest iris gardens and two large non-guest gardens.

The garden beds were designed so that the irises could be viewed without having to step into the bed, and a feature that I have never seen at an AIS Convention and which I thought was terrific, was the double name tags for every guest iris which included the name of the iris, date and hybridizer. These tags could be seen not only in front of the clump but also behind the clump.

Fort Worth Botanic Garden was the master guest iris garden which was visited Thursday, Friday, and Saturday. This was also an excellent feature because irises could be seen which had not bloomed the first day but did open up the second and third days. The iris beds around the gazebo were in raised beds, and again, Murphy's Law stepped in, for with all the rain, heat, and more rain, rot took its toll. However, following a plea for replacements, many hybridizers sent new irises so that most of the beds were filled. The irises I liked most in this Master Garden were: Terry Aitken's ISLAND CHARM; Jim McWhirter's BOSS TWEED; Tom Burseen's LILAC LASER and STEP BEYOND; Maryott's DANCE HALL DOLLY; Rick Ernst's COMPETITIVE EDGE; Sterling Innerst's FOREIGN STATESMAN; Lilly Gartman's SILK SILHOUETTE; Lynda Miller's GENTLE DRAGON. Mary Dunn did herself proud with a beautiful show of Louisianas—C'EST LA MOTE, EMIGRE, PIECE DE RESISTANCE and SATCHMO. Her TB, CITY LIGHTS, was also outstanding.

The **Duncanville Garden**, had irises in round beds. Here, too, they had rain problems, but nevertheless had lots of bloom. The iris which made the biggest impression was Tom Burseen's LILAC LASER.

Gordon Green's Garden was an extremely well-groomed garden which contained all types of irises. The iris which most captured my eye was Perry Dyer's SERENITY PRAYER.

Tom Burseen's Garden was chuck full of named irises plus lots of beautiful iris seedlings of his. I predict that we will be seeing a lot of Tom's irises in the future.

Charlie Brown's Garden had over 2,000 irises, all in raised beds. Here the irises were well-groomed, and he and his wife, Donna, showed us true Texas hospitality.

The last garden visited was **The Mineral Wells Garden of Max and Billie Clark**. It was the most beautiful garden of all the AIS Conventions I have attended. It had waterfalls, garden statuary, a large man-made lake with graceful black and white swans and ducks, thousands of irises—guest and non-guest—roses, azaleas, shrubs, trees. Some of the irises which really showed off were: Schreiners' CHANGE OF PACE, RIDE THE WIND and HELLO DARKNESS. Also outstanding were Ben Hager's CENTENNIAL CHILD, IN PERSON and KATHLEEN KAY NELSON; Lynda Miller's WENCH; Rick Ernst's FEMININE FIRE. Of course, what really made my day was a large clump of my tall-bearded seedling, 85-26, which was being admired by many of the conventioners. Also, mine was the only spuria seedling (84-40B) in bloom which made me very happy.

Texas hospitality was as great as it's reported to be, and the Region 17 members should be very proud—all their hard work (and despite weather adversities) they pulled off a great convention. For all of you who didn't attend the 1993 Convention, you missed a good show!

CONVENTION COMMENTS FROM A NEW YORKER

Jane I. Hall (New York)

The opportunity to see Louisiana irises was an added incentive to attend the AIS Convention in Fort Worth. Not many Louisianas are grown in the Central New York area, so it was, indeed, a pleasure to see such a variety of forms and colors. My very favorite was CHERRY CUP (R. Morgan '89) a glowing bronzy-red with narrow yellow signals. It has a form similar to BLACK WIDOW which I have admired from the time it was first seen in a convention garden.

Others that intrigued me were three by J.C. Taylor—NEW DIMENSION '85, a raspberry-pink and purple bicolor with yellow throat, WATCH OUT '88, a copper-red with gold signals and JOY FLIGHT '87, a cool, yellow-cream bitone. Then there was CAJUN SUNRISE (J.K. Mertzweiller '93) a bright orangey-tan with yellow edgings. Another was CAJUN WHIRL (D. Haymon '88) a cream with

green infusion. This had an attractive round form. One more was ALOUETTE (M. Dunn '90) a beige-shrimp with a yellow glow in the center.

On the last day of the Convention we were rewarded with a grand display of tall bearded in full bloom. If I had to choose just one for my own garden it would be THORNBIRD (M. Byers '89) with olive-beige standards, darker falls infused with violet and a golden brown beard AND dark lavender horns. Never thought I would like horns on an iris, but on this iris the end result was a delightful combination. Two of Schreiners' made an impression—RIDE THE WIND '91, an amoena with white standards and lavender-blue falls, and UNFORGETTABLE FIRE '91, a red-brown self enhanced by a golden brown beard.

My choice for the President's Cup was BOOGIE WOOGIE (H. Nichols '93) a lovely neglecta. It came in second. A few more that I liked were: SPEED LIMIT (L. Lauer '92) a light violet-blue with a white beard on a white center; ELECT LADY (B. Miller) pink with deep rosy pink beard; BLACK AS NIGHT (D. Meek '92) a lush, satiny red-black self; LUCILLE RICHARDSON (G. Richardson '92) with smoky-lavender standards, lavender-purple falls, nicely ruffled and outstanding branching; OKLAHOMA CRUDE (P. Black '89) violet standards with darker falls and a white beard on a white light; AYL A (Ev. Kegerise '88) peachy-pink and daintily ruffled; QUAIN T LADY (R. Lyons '91) a raspberry-mauve with darker shoulders and a bronze to raspberry beard; QUEEN IN CALICO (J. Gibson '80) a nicely ruffled violet plicata with bronze beard.

Last but not least was SPIRIT WORLD by K. Keppel. The color was special. Mere words cannot do justice and without a doubt no two people will describe it exactly the same. My eyes saw raspberry-orchid standards with a greyish tan border, deep maroon falls rimmed with white and an orange to white beard. In this particular clump the standards were a bit floppy but the coloration sure was intriguing. Makes one wonder what is next.

A special treat was seeing a native species in the Lone Star Iris Garden in Garland. Ferron Campbell explained that he dug it from the roadside. It is bulbous, about ten inches high, with deep mauve-purple blossoms in a flat, single form. The name is *Alophia Drummondii Iridacea*. Rather overwhelming for such a lovely little plant.

Thanks Texas for sharing your gardens and for the wildflowers along the roadsides.

THE GORDON GREEN GARDEN

Melody Wilhoit (Illinois)

Approximately 100 miles from Fort Worth and 4 miles from the small town of Bonham, Texas, is Greenknoll, the lovely garden of Gordon and Pauline Green. This area is considered to be part of the Red River Valley and is famous for Sam Rayburn. Being only 10 miles from the Oklahoma border, we expected to see early irises, and we were not disappointed. This was the northern-most garden on tour for the 1993 Iris Roundup.

The Greens have lived at the 7-acre Greenknoll for 20 years. Gordon has grown irises for 50 years. He grew up in my home state of Illinois where his aunt got him hooked on perennials. As a child, he loved working in the yard and making flower beds, and he still does! His love for perennials still perpetuates at Greenknoll as I saw lots of daylilies, columbines, foxglove, lilies, variegated vinca, and mums. Annuals were used to edge all of the many beds and to line the long, winding drive to the ranch-style home.

Gordon has tried to incorporate as many native plants and trees into his landscape plans as possible. The huge oaks were beautiful, as were the elms, pink dogwoods, cedars, lilacs and the red and pink azaleas. Some of the trees were over 100-years-old. Broom, a shrub that grows wild in the Pacific Northwest mountain areas, was planted just north of the iris beds. It was just coming into bloom. A nice, verdant lawn was accomplished by growing Bermuda grass in the sun and St. Augustine in the shade. Annual rye was seeded over the top of the lawn.

Twelve beds, 100-150-feet-long, held the guest irises and Gordon's private collection. The raised beds were constructed of railroad ties and landscape timbers. Rot was a big problem last summer due to all the excess moisture. Gordon felt that the peat moss he used to improve his soil retained too much moisture. After all, bearded irises are not bog plants! Gordon's favorites are the medians, although he said that the spurias and the Louisianas do very well at Greenknoll. The Louisianas were quite tall, lush, and green-growing in a low area behind the house that sometimes a small creek floods. Siberians don't fare well for Gordon, but CAESAR'S BROTHER does just fine.

The following median irises caught my eye: SHOW ME YELLOW (Dorothy Anderson 1990) a bright yellow SDB and Perry Dyers' SERENITY PRAYER was showing off as was his 89-1A, a nice IB done in light blue with 3 open blooms. Most of the SDBs were finished blooming, so the IBs were stealing the show. HOT SPICE (Aitken 1989) was a very showy maroon and gold plicata with excellent branching. It is now on my want list. OBLIGATO (H. Stahly 1988) had a beautiful stalk of bright melon, topped-off with a tangerine beard. BASSO (Ensminger 1990) was a very vivid, magenta-purple. MAUI MOONLIGHT (Aitken 1987) was a yummy, light lemon. PIECE OF CAKE (Hager 1989) was done in a lovely pinkish-lavender. One BB was really nice. It was FAUX PAS (Keppel 1990) a fancy plicata of shrimp-pink and raspberry. It looked good enough to eat!

The tall bearded irises were just starting to bloom. TAMMY SUE (Hedgecock 1992) was a light, icy-blue with matching beard and some yellow in the throat with an excellent stalk. VIOLET MUSIC (Mahan 1991) was a large, violet rebloomer. POWER SURGE (Ghio 1991) radiated its fancy plicataness of bright raspberry and white. CHANGE OF PACE (Schreiner 1991) was a healthy clump of pink-lavender standards with white falls banded in light raspberry.

I wish I could have come back to see the remaining tall bearded guests, the spurias, the Louisianas, the daylilies, and the other late perennials.

Thank you, Gordon and Pauline, for sharing the beauty and serenity of Greenknoll with us!

THE TOM BURSEEN GARDEN

Opal Wulf (Nebraska)

The first garden of our tour just happened to be the one at which I was to play reporter and write for the *Bulletin*. This garden did not have any of the convention guest irises planted in it, but what it did have was quite a treat.

The Burseen garden is definitely one that says “why waste space on grass when you can plant irises?” Our first view of the garden from the bus window delighted us with neat, row upon row of well-grown irises in the FRONT yard. After meandering through this large iris bed, making notes and taking pictures, we proceeded to the yard behind the house. There we saw large clumps of irises next to the back of the house and rows of Tom’s seedlings which filled all of the back yard. I had the fleeting thought that he surely didn’t need a large lawn mower. A small grass trimmer would most likely do the job of mowing what grass there was.

Along with the many fine seedlings, I saw some introduced irises which impressed me. They are captured on film and are on my “want” list. MAKE MINE MISTY, T. Burseen, is a lovely combination of pink standards and lavender rimmed paler pink falls. It had good growth and *nine* blooms. DANCES WITH WOLVES, J. Loop, was a combination of colors and textures which was pleasingly eye-catching. The standards were a silky texture and a deep, dusky pink color. The falls were a velvety, deep burgundy and had big fuzzy yellow beards for a finishing touch. Maybe a bit shy on blooms (six) but very good growth and form. PIRATES QUEST, Schreiners, was a bright, clear yellow with ruffling, good form, bloom and lovely in a well-grown clump. There was one other marked YELLOW BRICK ROAD (Gibson 92)—surely was one of the brightest spots in the garden. It was a rich burnt gold self with a light spot on the mid-fall area below a big yellow beard. The picture I took shows many ruffles.

Tom was kind enough to take time out to pose with one of his seedlings and as we were leaving, I noticed that the hollow concrete blocks bordering his seedling beds were full of tiny iris plants and had numbers painted on them. It seems that this is where he plants his seeds. Good drainage, no chance of mixing them up from rain washing them together, plus space-saving since it utilizes the borders for the raised iris beds. What a neat idea! Now, if I just knew someone in the construction business.

DUNCANVILLE GARDEN

Riley Probst (Missouri)

The Duncanville Garden is a newly constructed garden in an open area in Armstrong Park adjacent to the City Hall/Police Station. This was the most southern garden of the tours. The iris plantings consisted of three large circular plantings. Two circles, A and B, were to the left of the entrance driveway, and one circle (C) was to the right as one entered the park from the main street.

As one approached circle A from the parking lot, practically the first iris seen was BETTY FRANCES (Clarence Mahan 89). A pale violet, it was looking good with 14 stalks all standing erect and blowing in the wind. Two others doing extremely well were John Weiler's 1990 HOT PINK, a deep pink-orange blend with 13 stalks, and GOLDEN GALAXY, a yellow self with 12 stalks. Another TB with 12 stalks was GALAXY. Another TB with 12 stalks was a yellow, FARR'S FORTUNE (Jim Hedgecock 92). CITY LIGHTS (Mary Dunn 91), a violet-blue with a white zonal area, looked good and was performing well as usual with 11 stalks as was CANTICLE OF PRAISE (Calvin Helsley 91) a creamy yellow. Two of Hooker Nichols' plicatas were doing quite well. They were RUFFLED SKIRTS (Nichols 92), a mostly white with violet plic with 11 stalks, and HONEYMOON DANCE (Nichols 91) a peach-raspberry plic with 10 stalks. KISSING CIRCLE (Steve Stevens 89), a blue-white plicata, was doing well in Border Bearded class with 10 stalks. It bloomed well in Missouri this year as a TB, and it has been re-registered. I wish it could make up its mind which class it should be as it is a really nice iris. Also with 10 stalks were the deep purple NOBLE HOUSE (Jim McWhirter 88) and black-violet SILK SILHOUETTE (Gartman 92). A red-black, BLACK AS NIGHT (Duane Meek 92), and a Lange seedling, 4-88-15, a purple/wine bicolor with white-purple horns, looked good with 9 stalks each. Those with 8 stalks performing well were a white/brown plicata CHEROKEE HERITAGE (Nichols 92), NIGHT MAGIC (Eleanor Kegerise 91) S. white, F. purple rimmed white with a gold beard and SPEED LIMIT (Larry Lauer 92) a blue with a white zonal spot. Two by Keith Keppel that were looking good were FILM FESTIVAL (Keppel 93), a rose and ivory plicata which looked as good as the picture in the April '93 AIS *Bulletin*, with 8 stalks, and ROSARITA (Keppel 89), a rose-apricot buff plicata with 7 stalks. Also, with 7 stalks was a neglecta, ALASKAN SEAS (McWhirter 92). A light yellow looking nice with 6 stalks was DANCE WITH ME (Margie Robinson 89). TENNESSEE GENTLEMAN (Innerst 91), a creamy yellow with purple plicata had 5 stalks, but from a distance it looked like many more because it was so well-branched. But the iris that really got me in this garden and the whole convention pertaining to coloration was SPIRIT WORLD by Keppel. It only had 3 stalks, but the color is dynamite: royal-plum with falls edged cream with an orange beard over a cream zonal spot in the throat! Wow!

There were other than guest tall bearded irises doing well in this garden also. There was a HIPS planting and HELEN COLLINGWOOD (K. Smith 49), a neglecta with 5 stalks, was the star of that area. It was doing well as it always does. The star of the Louisianas here with 11 stalks was BAYOU MYSTIQUE (M. Dunn 89) with stands lavender and falls deep violet.

In the Median world BBs and IBs were doing well. Best of the BBs was no stranger, MISS NELLIE (Burch 83), in BB size and with 10 stalks. Other Borders doing well with 8 stalks were BROWNBERRY (Willott 87), a brown on white plicata, and TINK, stands lavender and falls gold (Durrance 91).

The outstanding IB was orange OBLIGATO (Hal Stahly 88) with 14 stalks. Other IBs doing nicely were LEVITY (Aitken 91) a white-light blue plicata and WILLOW WARE (Ensminger 90) stands white; falls sea blue rimmed white with a white beard. Both had 6 stalks. The City of Duncanville can be proud of its iris garden.

CHARLIE BROWN'S GARDEN

Everette Lineberger (South Carolina)

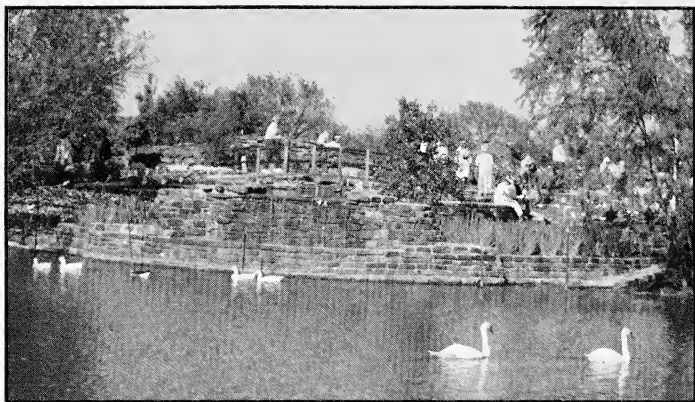
Charlie Brown's Garden, located on Farm Road 131 between Denison and Sherman, Texas, is a fascinating place to visit. Charlie and his wife, Donna, both in bright red jumpsuits, greeted our AIS tour buses at the front gate. Along the fence, in front of the modern brown home which blends into a natural wooded setting, was a large planting of Texas bluebonnets, some bearded irises to bid us enter and see more, and a foreboding Spanish Sword plant with poisonous tips on the leaves and beautiful blossoms just emerging. The blossoms are not pure white like the yucca, but it's easy to see you're looking at a member of the same family.

Inside the gate, Charlie has planted a mixture of older and newer irises in raised beds of riversand which have plastic on the bottom to discourage weeds and hold in moisture. He has a similar arrangement of raised beds in his back yard, running diagonally across the yard and located directly over the lateral drain lines of his septic tank. A table of rock about three feet deep and a clay pan above that, keep the water from percolating very much except under these beds. Two long beds of Louisianas are located near the very end of the line. He uses very little fertilizer because of this arrangement.

Charlie has a variety of irises ranging from his namesake, an MTB hybridized by Mary Louise Dunderman in 1966, to some of the newer TBs, including one complete bed of Monty Byers' space age and reblooming hybrids. The IBs and SDBs were offering the most bloom since his TB bloom season was delayed about two weeks this year. A 15-18-inch clump of Sobek's '82 introduction, GRAPESICLE, caught everyone's eye. "Stunning" is the only word to describe it. Intermediates which were much admired included: LITTLE SNOW LEMON (Gaddie '84), APOLLO'S TOUCH (H. Nichols '91), with four stalks in bloom, ASK ALMA (Lankow '87), MAUI MOONLIGHT (Aitken '87), Ensminger's AIN'T SHE SWEET ('86), and Paul Black's RED ZINGER ('85), SHOOTING SPARKS ('89) with superb branching, and ERECT ('89).

A few tall bearded irises including AUTUMN ECHO, EMMA LOUISA, PLUM GLEAM, POET, AZTEC INFLUENCE, SEAPORT, JITTERBUG, WIDE BLUE EYES, and a Region 17 introduction, IDA RED (Clark '78), which was also the name of one of our tour buses, managed to get an early start on the season and were seen in bloom.

Charlie's garden had no guest irises, but it was a pleasure to visit with him and Donna and see his unique approach to growing 2000 varieties of irises on his two acre lot in this area of Texas known for its farming and oil wells.



The Clark Garden

THE CLARK GARDEN

Orville and Lu Dickhaut (Illinois)

The garden paradise of Billie and Max Clark shows that a vision can become a reality. In three steps, an almost one-acre lake was carved out of a rocky hilltop. Tons of native rock line the walls of the lake, define beds of flowers, and make all-weather surfaces for garden paths. Tons of sandy topsoil mixed with sphagnum and other humus make the growing medium for the 8 to 10 acres of beautifully coordinated landscaped gardens where trees, flowering shrubs, perennials, and annuals live in perfect harmony, each complementing the other.

Imagine planting 10,000 blooming annuals in long, sweeping borders, in hanging baskets, and in large urns at all the appropriate locations to enhance the many beds of irises in bloom.

A large pavilion at the south side of the lake provides a great view of the three tiers of waterfalls, the fountain in the lake, the two islands, and the abundance of waterfowl—back and white swans, geese, and ducks. On land, guineas and peacocks mingle with the geese and ducks. Statuary, a copper fountain, and a wooden bridge also enhance this flower-laden landscape.

The iris beds with their ridged rows are made to appear level by the mulch between the ridges and between the individual plants. Max likes to grow the bearded irises without fertilizing them and without the use of other chemicals other than an occasional drenching of dug rhizomes with a bleach solution. The results of his cultural practices are convincing. When irises are transplanted, they are allowed to dry three to five weeks before replanting them. Rot is handled in a similar manner, replanting the unaffected rhizomes after they have been allowed to dry.

Established beds of nephew Hooker Nichols' introductions and a few creations of others were blooming in all their glory. A row of the red amoena LATIN HIDEAWAY (Nichols '86) was impressive even though there was a wonderful rose bed nearby filled with FORTY-NINERS, some huge pink roses, and a yellow rose of Texas.

Guest beds included such admired irises as MIND READER (Keppel '94), SPIRIT WORLD (Keppel '94), and TWILIGHT BLAZE (Keppel '92). MIND READER was a strong growing, well-branched and budded, violet-blue luminata with blocky form and silver edging on the standards. SPIRIT WORLD, also a well-proportioned plant with good branching, has a stunningly beautiful flower. This luminata has more red influence than its sib MIND READER. The red-violet standards are edged with creamy tan. The falls, also edged, are a deep wine-black. TWILIGHT BLAZE is a proportioned plant with muted lavender flowers having orange beards on well-branched stalks. Beautiful!

STORM WATCH (Hedgecock '91) was a large royal blue on sturdy stalks with three side branches.

HELLO DARKNESS (Schreiner '92) is, indeed, a very dark, nicely ruffled, purple-black self with velvet texture and good substance on sturdy stalks supporting ample branching and buds. The wide petal width and the relatively large size of the flowers are other pluses for this plant.

COMPETITIVE EDGE (Ernst '91), a rimmed bicolor, is a pleasing combination of light brown standards and rim with very light, almost white, lavender falls intensifying to deeper bluish lavender toward the rim. Yellow beards with some yellow at the haft complement the base colors.

A future Nichols introduction TEXAS GLORY is a well-proportioned plant with branching and buds. A variegata, its nicely formed flowers are very laced and ruffled with the gold standard color repeated on the edges of the rich maroon falls. When introduced, this one will be stiff competition for the attention-getting BOOGIE WOOGIE (Nichols '93), a fancy neglecta with orange beards tipped white.

LENORA PEARL (Nichols '90), a healthy pink border bearded iris with a coral beard, has many blossoms in good proportion to the rest of the plant. It is a true border bearded not threatening to exceed the height limitations. It must have caught the eyes of many other conventioners, as it won the President's Cup.

88-3 (Helsley), a border bearded iris with good branching and good bud count, is a yellow and brown blend with a violet influence.

MTB's included BELLA VEE (Fisher '91) and 90-131 (Willott). BELLA VEE has small foliage and well-branched, budded stalks. The flowers are a pleasant medium yellow. Willott's 90-131 has nicely formed flowers of medium violet-blue on gracefully branched stalks in good proportion to the rest of the plant. It was aglow with blooms.

Time elapsed before a closer look could be taken of the arc of Louisiana irises at the north side of the lake. What a great setting!

Someone really knew how to drive the serpent out of this Garden of Eden. Could it be the honking of those geese, the old black swan, or the cow bells that beckon bus passengers?



Clark Garden

CLARK'S MINERAL WELLS GARDEN

Gus Sindt (Minnesota)

After viewing the master planting of over 1,000 cultivars in the Fort Worth Botanical Gardens, we boarded the buses for the home of Max and Billie Clark at Mineral Wells. These gardens are some distance west of Fort Worth, and many of the irisarians caught up on a bit of sleep they had missed in previous nights.

Arriving at the Clark garden, we knew we were in for a treat even before the bus stopped. Large trees surrounded us, and the landscaping continued with many kinds of shrubs and flowers. Guinea hens and peacocks sauntered through the beds of irises. We were guided to lunch beneath the beautiful trees, where it was served in 8-10 inch flower pots. The pots were yours to keep if you so desired. Many did.

After lunch it was off to the iris beds. The guest beds were not visible from the lunch area although there were several beds of irises which could be seen. Char and I were fortunate to get a ride on golf carts which were offered to those who needed or preferred them. We were delivered to the edge of the convention planting of irises. The long curving beds had lots of bloom! It seems a shame that only a few of the many outstanding varieties can be acknowledged. Those varieties not mentioned were not of lower quality, but space must be considered in this article.

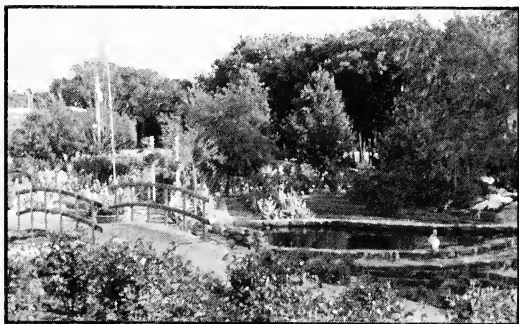
Most of the IB's and MTB's had finished their bloom in this garden, but a couple still showed up well. Willott's 90-121, light violet self MTB, showed promise as a clump. Ken Fisher's BELLA VEE, a yellow MTB, was very impressive. Others of his were down in this garden but showed up well in others.

Some TB's which attracted our attention but not in order of choice were: MIND READER by Keppel, a violet and blue luminata, showed the new type coloring in irises very well. Franklin Carr had a number of outstanding varieties on display, among them being: LASTING PEACE, a beautiful white, and ROYAL BLESSING, a pink. Peter DeSantis' purple seedling, 85-26, looked very good in a large

clump. FEMININE FIRE (Richard Ernst) is an apricot pink with orange-red beard and is a fine addition to this color range.

Schreiners' work on blacks really was apparent in HELLO DARKNESS. It is about as good a black as I have seen, and it has branching and bud count. RIDE THE WIND, an amoena with white standards and blue falls, was another of the many Schreiner varieties that appealed to me. Monty Byers' DANCE FOR JOY, a salmon pink, and F54-1, a neglecta, were good examples of the new horned form. A large bed of Hooker Nichols' LATIN HIDEAWAY, President's Cup winner when the convention was in Oklahoma, presented a dramatic appearance.

There were many more outstanding varieties, but by mid-afternoon the sun had become so hot that almost everyone had retired to the pavilion beside the pond for refreshments. There to greet the guests was our tall and charming hostess, Billie Clark. Attired in white with silver accents and silver shoes and wearing white rimmed glasses, she was indeed a glamorous and gracious hostess. Max Clark was also a large part of an exciting and beautiful visit. This was our last garden to visit at the Fort Worth convention, and indeed the best was saved until last!



The Clark Garden

**Max and Billie
Clark**



THE FORT WORTH BOTANIC GARDEN

Sheldon Butt (Illinois)

The key planting of Guest Irises for the 1993 Convention was at the Fort Worth Botanic Garden. The principal planting was in a group of concentric octagonal raised beds separated by broad brick walkways with a gazebo in the center where one could rest weary feet. This central group of beds was supplemented by additional nearby beds—evidently to hold the overflow of guests. The Botanic Garden had created an ideal setting in which to view the plants, and it was evident that there had been much careful planning as well as a lot of work done to meet the needs of visitors.

Unfortunately, abnormally heavy rainfall in the summer of 1992 together with what appears to have been heavy use of fertilizer combined to produce conditions encouraging rot which decimated the bearded iris plantings in the summer of 1992. Most of the hybridizers replaced lost plants so that there were few empty spaces in the garden. The Louisiana irises which had been planted a year earlier in 1990 thrived on the combination of fertilizer and water and produced truly massive clumps up to five feet by three feet in size. I can understand that the desire to present spectacular bloom for the Convention may tempt the gardener to apply fertilizer with a heavy hand. Perhaps one solution to the problem of producing large clumps without heavy use of fertilizer might be to plant the bearded irises three years in advance—as is done with the beardless classes—in order to develop large clumps without heavy fertilization.

The choice of dates for the Convention was ideal and matched up closely with peak bloom in the Tall Bearded Class. With 1,100 varieties to choose from, the reporter's task to choose those which were outstanding was difficult indeed.

TALL BEARDED IRISES

My own favorite in this class was Ben Hager's 1991 gem HORATIO. In all respects this violet purple beauty is outstanding and worthy of the master hybridizer. There were others not far behind. DESIGNING WOMAN, a 1990 introduction of the late Joe Gatty was a close contender with lilac standards and aster falls and moderate ruffling. As seen in Fort Worth, bud count of this iris exceeded the minimum of seven prescribed by the Judges Handbook. This characteristic is particularly noteworthy since many of the TBs in the Botanic Garden did not satisfy the minimum requirement which must be considered very important to the value of the plant as a garden subject. Irises not meeting this requirement are omitted from this report. Another of Joe's creations, MODERN TIMES (1992) impressed as "modern" with broad falls, overlapping at the hafts, quite good branching and restrained cool white decor flushed pale lilac in the center. In contrast, Dave Niswonger's seedling 50-89 commanded attention, its strong bright yellow set off and circumscribed by a very precise white band on the falls which was held out to the viewer nearly horizontally. One of the better seedlings in the garden; branching was particularly good. Schreiners 1992 black HELLO DARKNESS impressed. Its color is a very dark purple-black. Flowers are

moderately ruffled and branching and bud count are good. When first seen in the afternoon of a bright Texas day the flowers were fresh, and when I returned two days later in the afternoon, they were again fresh. This is a remarkable accomplishment for a black flower, absorbing all of the incoming solar energy that the Texas sun can dish out.

CHUTNEY (J. Ghio '91) provided a very interesting color combination; vivid deep red-brown standards contrasted with bright gold falls lined and speckled all over in red brown. Notably, bud count was found to be eight or more. His QUITO, one of this year's introductions is a fine copper-orange with great branching, and good form and ruffling. Performance in the garden was outstanding. Eight bloom stalks were in evidence combining with phenomenal bud count which ranged up to 12. Bright color, vigorous growth and many flowers could make this plant a "dominator" in the garden. SATIN KNIGHT from Bryce Williamson in 1991 presents a smooth and satiny cream complexion emphasized by chartreuse shoulders. Moderate ruffling and good branching complete the picture—an enduring one provided by ten buds. COMPETITIVE EDGE (R. Ernst '91) was very colorful with reddish brown standards, bluish lavender falls with broad reddish brown edges, caramel hafts, paler at the center around the yellow beards. Moderate ruffling and some lace added to the overall effect. The stalk was well-branched but with some tendency towards crowding at the top. Bud count exceeded the minimum. Jim Hummel's 1992 offering SERENITY COVE is another excellent iris in the "colorful" category. Salmon standards flushed pink at the midribs contrast with muted yellow styles. Falls are buff with darker edges.

Transplanted-to-Texas Hooker Nichols was well represented by his 1993 introduction ACAPULCO SUNSET, a nice well-branched yellow. Muted sunshine yellow coloration was provided by Dave Niswonger's 1990 TRANQUIL SUNSHINE, pale yellow standards enriched by stronger yellow falls. Muted but contrasting colors reminiscent of confectionery belong to Sterling Innerst's DIFFERENT APPROACH (1992). Peach standards with lavender tinted midribs associate with lavender blue falls sporting an orange beard. It is different with good form and branching. His 1993 introduction FOREIGN STATESMAN, a deep purple self with heavy color saturation, is far from muted and provided a vibrant note in the garden. Glenn Corlew's 1993 INTEGRA was an outstanding ruffled white with good branching and more than adequate bud count.

The word shocking best applied to the versatile Mr. Ben Hager's 1990 offering, TRIPLE WHAMMY. Consider bright yellow standards, falls with a broad bright yellow edge and gold hafts surrounding a pale lavender almost white center from which projected a prominent strong dark purple horn. Just to be sure it wasn't overlooked, stalks were very tall, taller in Fort Worth than the 40-inch height in the registration. This iris is hard to overlook or forget.

MEDIAN IRISES

The medians were present in substantial numbers in the form of Border Bearded and Intermediates together with a moderate sampling of MTBs. Very many of the Borders with otherwise interesting characteristics disappointed by being not just a little out of class, but grossly so—ranging from 30 inches to 36

inches tall, usually with flower sizes out of class to a corresponding extent. I saw very few which were only an inch or two out which might possibly have been excused because of heavy application of fertilizer the BBs seemed to fall into two distinct groups—those in class and those far out of class. These “rogues” deserve no further attention.

FAUX PAS (Keppel 90 BB) is an excellent representative of the class complete with good form and branching. Standards are peach while falls are orchid—a pleasing combination. The Willotts’ 89 offering, BROWNBERRY, is the epitome of the characteristics desired of a Border. Strong, starchy flowers present a pleasing plicata pattern of brownish red-violet engraved upon a cream ground. John Durrance offered MOSTEST (1990) which shines out in bright gold. Branching is good and ruffled form excellent. At the end of the alphabet we saw Allan Enslinger’s ZINC PINK (1987). This rose-pink beauty is very well behaved, outstanding in ruffles and lace. LENORA PEARL (H. Nichols 88) is a very attractive well-formed ruffled salmon pink, in class in all respects. Very floriferous with as many as a dozen stalks on the two-year clump.

Although well past peak, residual bloom remaining on well-grown clumps has made it possible to evaluate many of the IB cultivars in the garden. In general, the IBs appear to have been substantially less susceptible to the rot problem than were the TBs.

The classic TB X SDB crosses, more often than not, have in the past yielded plants with meager branching as compared to that of the BBs of the same stature and have often, but not always, proved to be sterile. Careful selection from the basic cross has occasionally yielded plants with superior branching as in the case of the classic RARE EDITION (Gatty 70). Exploitation of the occasional fertile classic IB has also presented an avenue to improved characteristics. More recently the work of the Craigs with the aphyllas is leading to fertile tetraploid IBs opening the way to new approaches to breeding in this class. We are beginning to see more and better results from these strategies as was apparent in Fort Worth.

KERMIT (Allan Enslinger 90) proffers improved IB branching achieved with classic breeding. Evidently named for the Sesame Street character, color is a greenish chartreuse. Form is excellent. Terry Aitken’s 1986 IB MAUI MOON-LIGHT, also from classic breeding, mounts a finely-formed, slightly ruffled, lemon yellow flower on a somewhat improved stalk. The clump in the garden had no less than 20 bloom stalks. Another outstanding Aitken IB from conventional breeding was DARK WATERS (1992) with dark violet ruffled flowers, two branches and five buds. Another very floriferous entry with 25 or 30 bloom stalks was Virginia Messick’s CALLING CARD. Breeding of this lightly ruffled plant is conventional, although two well placed branches are an improvement. Standards are bluish white, falls are greenish cream set off by blue beards.

Hooker Nichols’ APOLLO’S TOUCH (1991) is truly an IB in stature—although at the upper limit of the class. Bloom season is consistent with the IB classification. It is the result of TB X BB breeding. Branching is good and bud count better than normal for IBs. The tailored flower features ivory standards and smooth yellow falls edged white.

SAILING FREE, (Craigs 93) is a **tetraploid** IB with *I. aphylla* figuring heavily in both sides of its complex parentage. The unusual pedigree results in a three-

branched stalk—a new and almost revolutionary departure in IBs. Flowers are moderately ruffled blue bitone. It will be of great interest to observe the future use of this cultivar by hybridizers as well as TIE DYED TYKE (Craigs 93 IB) of similar parentage but not grown in the convention gardens.

Outstanding MTBs among the somewhat limited number of this class present and blooming in the Botanic Garden included FROSTED VELVET (Ken Fisher 89) with white standards and deep purple velvet textured falls with a precise white rim. One of the best seedlings seen in any class was the Willotts' 90-118. Standards were gold, falls were veined all over in brown. LITTLE MISTY, a tetraploid from *I. aphylla* breeding, was "misty" with pale greyed lavender standards and medium lavender blue falls—and an enormous number of bloom stalks. All three of these MTBs, as well as others seen, maintained the typical excellent MTB branching.

The Louisianas were just beginning to bloom with a few flowers out on the first day of tours and considerably more by the third day. I would have welcomed the opportunity to see some of the enormous clumps when in full bloom some time after the Convention. John Taylor's 1990 introduction, DURAL WHITE BUTTERFLY, is a magnificent white self with ruffled blooms well placed on the stalk. Another Taylor iris SUNDREAM (1986) yellow had no less than 12 buds on a single stalk. Perhaps the best of the early blooming Louisianas was VIVE LA DIFFERENCE (Mary Dunn 90). Color was light orchid lavender with green styles. Flower form and placement were excellent.

The preceding account, at best, is only an overview of the very many outstanding irises seen in the Fort Worth garden. Much more time and space would be needed to give it full justice.

FORT WORTH BOTANIC GARDEN

Barbara Schmieder (Massachusetts)

The Fort Worth Botanic Garden contained the largest guest planting of any of the convention gardens—over 1100 cultivars—and wisely the convention committee scheduled a portion of each of the three tour days in this garden. Even then it was daunting to try to see all the irises, and I am sure that I probably missed some (in fact, I missed plenty. I found out after the convention that I missed the entire Bed N!) The majority of the beds were planted around a central gazebo area, and when the sun became too hot or the brain too saturated with irises, it made a pleasant spot to sit and recharge the batteries.

On the first day, I started at the outside circumference of the bed and worked my way around until I reached the center. This way I was able to take a quick look at all the irises in this planting and take some preliminary notes, saving the outlying beds for the next two days. (I did cheat and glance at one of the Louisiana beds not in the circle.) After going through my voluminous notes, I have narrowed down my favorites by class, hoping that readers will be able to get some idea of the magnitude and diversity of this outstanding master planting.

Even though tall bearded irises were at peak bloom, there were some intermediates still in bloom. One of the very nice ones, Hooker Nichols' 1991 yellow amoena *APOLLO'S TOUCH*, was blooming too low in the foliage, but that might be attributed to over fertilization as it was blooming fine in my garden and others in my area later. Terry Aitken's IBs were well represented by lemonade-colored *MAUI MOONLIGHT* ('87), *LEVITY* ('91)—a wide, nicely formed white with blue plicata edging and deep violet beards—and *DARK WATERS* ('92)—a ruffled, deep violet with violet beards tipped a surprising mustard. Dorothy and Tony Willott are noted for their medians, and *DREAM WALTZ* ('90), a nice small white with white beard, made my "must have" list. We sometimes overlook the whites when we plan our gardens, but they are very necessary to set off the other colors. Also, Ensminger's *BLUE EYED BLOND* ('90)—pale yellow with blue-violet beards—and *COME SEE* ('92)—a dainty blue and white plicata—were blooming nicely.

MTBs were in good supply, and I was especially happy to see two pinks I hadn't seen before as pink is in its infancy in this class. Ken Fisher's *OZARK EVENING* ('91) was a nice, smooth, light pink with a coral beard. *RAVE REVIEW* (J. & V. Craig '92), registered as a lavender, appeared to me an orchid-pink with a pink beard. Whatever the color, I liked it! I also liked the Craig's *PAYOFF* ('89), antique white and purple, beautifully formed, tetraploid amoena—Slightly too big for an MTB, but much too nice to be condemned to no man's land. Fisher's *FROSTED VELVET* ('89) made a nice clump, with its white standards and royal purple falls precisely edged white—an improvement over its parent *CONSUMMATION*. *ASTRA GIRL* (W. T. Varner '90), with the tiniest of white flowers, made a charming, many-branched clump. It would be hard to resist *anything* from the dean of MTB hybridizers—Mary Louise Dunderman—and *CHERRY*, her 1989 red-violet plicata, was a different color from any of her other plicatas but with the same nice rounded form. The Willotts had several vigorously growing seedlings, my favorite being 90-121, a small blue-orchid with lemon beards.

Border bearded irises didn't fare quite so well, probably partly because of the amount of fertilizer used, but there were some standouts. Among these were Jack Durrance's *MOSTEST* ('90)—a ruffled brilliant gold, *ZINC PINK*—Ensminger's popular laced and ruffled pink, and Carl Boswell's seedling 153-85-2B—pale peach with bushy orange beards. In the Dykes bed, *BROWN LASSO* was showing up a lot of the TB winners. And a luminata seedling (87-60A) of Keith Keppel was most interesting—plum-colored with open standards showing pale champagne style arms with orchid flush. The pale pink beards added to the beauty of the flower.

Among the tall bearded irises were many beauties, and I will most likely leave out some of your favorites since everyone has different tastes. One of the most outstanding among the ones I saw was *AFFIRMATION* (Corlew '93), a pale lemon with deeper edge. On the second day the flower was even more beautiful in the early morning light. Hooker Nichols' irises all seemed right at home in Texas (he recently moved there), and it is hard to pick favorites among them, but I would choose *CHEROKEE HERITAGE* ('92)—a brown and white, medium-sized plicata with nice branching—and *RUFFLED SKIRTS* ('92)—a very subtle, ruffled white with very faint violet stitching at the base of the standards and violet

specks on hafts. Another Texas hybridizer, Tom Burseen, was well represented by JOY JUNCTION ('93)—smoky pale purple standards open to reveal the exotic tan style arms with purple ribs. Falls are white with a wide red-purple plicata edge. The form is ruffled and rounded, and the beard is yellow tipped lavender—a most unusual iris.

Another favorite TB was Mary Dunn's CITY LIGHTS (misabeled City Limits in the convention booklet)—a deep blue-violet with a white zonal pattern and white beards. Ben Hager seems to be able to come up with outstanding TBs each year at convention, and this year was no exception. His 1992 introduction DRUM ROLL, with its blue-violet deep ruffles, and MUCH OBLIGED, lavender-plum washed silver in middle of falls, were competing with two of his 1991 introductions—HORATIO, violet-purple with tangerine beard, and CONTRIBUTION, ruffled and laced fuchsia purple with purple beards tipped brown. Which one should I choose?! What about a very dark purple black from Schreiners to add to this collection? How could one go wrong with HELLO DARKNESS ('92), a heavily substantced, velvety, ruffled, well-branched flower. And if one is looking for the definitive light blue, the big clump of Schreiners' RAPTURE IN BLUE ('90) will probably send you into raptures! Their FIRST INTERSTATE ('91) was so bright that it could almost put out your eyes with its gold standards, white falls edged gold, and deep gold beards. I found my favorite yellow and white amoena in Dave Niswonger's GOLD FROSTING ('92)—more gold than yellow and with a nice, ruffled form.

We all wished that Bernice Miller could have been there (She broke her hip on the first day.) to see her ELECT LADY ('90) showing off—a lovely ruffled and laced true pink with sweet fragrance. Sterling Innerst would have been proud of the showing his silvery white PRINCIPLES ('93) made. The impeccable taste of the late Joe Gatty was shown in the subtle lilac and lavender tones of his DESIGNING WOMAN ('90). And an older one from Down Under—Leslie Blyth's SHINE ON WINE—wowed everyone on the second day with the sun shining on a big, perfectly branched clump of this gold and red-brown variegata.

By the third day, many of the Louisiana inises had opened, and I spent most of my time looking at them, knowing that I wouldn't see a display like this for a long time, if ever! I had noticed CHERRY CUP (Morgan '89) on the first day and was intrigued with the small red flower with lighter edge, well-branched, many-budded, and with great carrying power. There was also a Morgan white—ANGEL MIST—with a green signal, and I decided that I had to have them both. I was impressed with Dorman Haymon's MARIE DOLORES ('89), a big, ruffled white with gold signal. Joe Mertzweiller's CAJUN SUNRISE ('93)—red with yellow edge on standards and falls—and PROFESSOR NEIL ('92)—dark red with large yellow signal—were in the forefront of the reds, with John Taylor's WATCH OUT ('88)—a different shade of magenta with serrated yellow edge—also in the running. Pink was represented by BUBBLE GUM BALLERINA (Haymon '90)—a ruffled and fluted lavender-pink with darker pink veining—and KAY NELSON (Granger '88)—light lavender-pink with frilled edges and green signals ALMOST as pretty as the real Kay! Mary Dunn's VIVE LA DIFFERENCE ('90) attracted a lot of attention, partly because of its flat form resembling a Japanese iris and partly for the interesting color—orchid-lavender

with green style arms. Mary's BAYOU MYSTIQUE ('89) was one of the best clumps in any class seen at the convention—light lavender standards, ruffled, deep lavender falls. Possibly the brightest gold belonged to John Taylor's ALLUVIAL GOLD ('92), while his SUN DREAM ('87) filled the bill for pale yellows. For intensity of blue, I would choose Morgan's SEA KNIGHT ('89), a short, ruffled, dark blue with orange line signals. And I can't leave out DURAL WHITE BUTTERFLY (Taylor '89), the large, tall, impressive white with yellow-green signals.

On the last day, a few of the spurias had started blooming, and we were given a hint of what the Fort Worth people would be enjoying for the next few weeks—late TBs, peak Louisianas, and peak spurias. It was time to go home, but I couldn't help wishing that I could stay just a little bit longer to see the rest of the bloom. Maybe I would even have found Bed N!

FIRENZE 1993—International Iris Competition in Florence, Italy

Premio Firenze

CONJURATION (Monty Byers, United States)

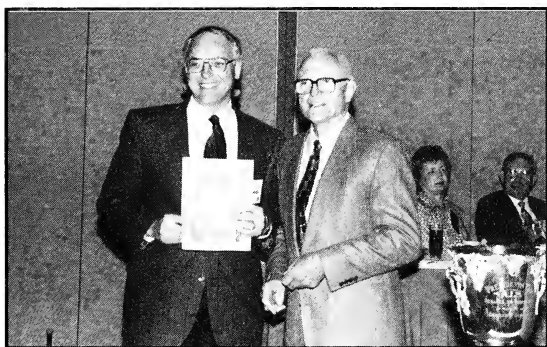
Runnersup

- 2nd SON OF DRACULA (Jim Hedgecock, United States)
- 3rd ROSSETTO (Augusto Bianco, Italy)
- 4th BLENHEIM ROYAL (Schreiners, United States)
- 5th BLUES BROTHERS (Lesley Blyth, Australia)
- 6th LIQUEUR CREME (Barry Blyth, Australia)
- 7th THORNBIRD (Monty Byers, United States)
- 8th AZZURRA (Augusto Bianco, Italy)
- 9th SKY ECHO TOO (B. F. Blyth, Australia)
- 10th KARAMINKA (Rita Caldwell, Australia)

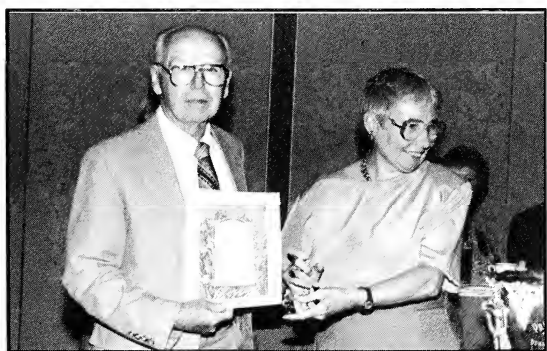
Special Awards

- Best Red: ROSSETTO (Augusto Bianco, Italy)
- Best Branched: SON OF DRACULA (Jim Hedgecock, United States)
- Most Original Color: ENGLISH CHARM (Barry Blyth, Australia)
- Most Perfumed: Seedling G60-1 (Monty Byers, United States)
- Best Early Variety: KARAMINKA (Rita Caldwell, Australia)
- Most Commercial: BLENHEIM ROYAL (Schreiners, United States)
- Best Blue: RAPTURE IN BLUE (Schreiners, United States)
- Best Late Variety: MELLOW MAGIC (Paul Black, United States)

HONOREES ACCEPT AWARDS



David Schreiner and Bennett Jones



Allan Ensminger and Evelyn Jones



Terry Aitken and Evelyn Jones

AWARDS PRESENTED IN TEXAS



Keith Keppel and Evelyn Jones



Paul Black and Bennett Jones



James McWhirter and Evelyn Jones

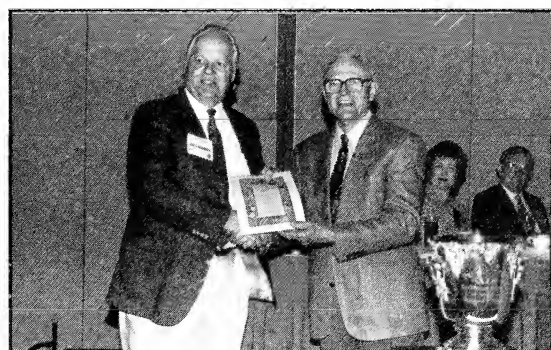
MORE WINNERS GET AWARDS



Hal Stahly and Evelyn Jones



Carl Boswell and Evelyn Jones

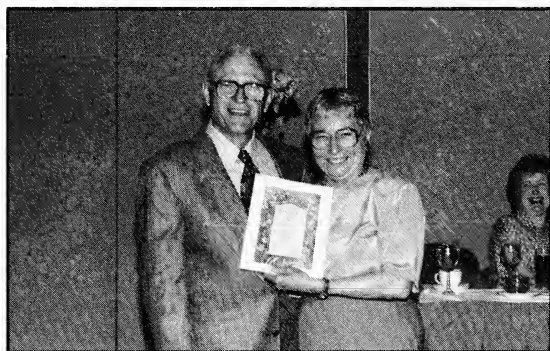


Dave Niswonger and Bennett Jones

1992 AIS AWARDS ARE GIVEN



Earl Hall and Evelyn Jones



Evelyn presents Bennett with his AM award.



Bob Hollingworth and Bennett Jones



**Hooker Nichols receives President's Cup
for LENORA PEARL from Bennett Jones.**



**Jeane Stayer is presented Distinguished
Service Medal by James Rasmussen.**



**Janet Murphy congratulates Rilla Hickerson,
who won an iris quilt at the convention.**

President's Cup

Awarded to an iris hybridized by someone from the Host region—in this case Region 17.

Winner

LENORA PEARL	(Hooker Nichols)	63 votes
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Runnersup

LATIN HIDEAWAY	(Hooker Nichols)	44 votes
BOOGIE WOOGIE	(Hooker Nichols)	23 votes
CHEROKEE HERITAGE	(Hooker Nichols)	20 votes

Franklin Cook Cup

Awarded to an iris hybridized by someone from outside the Host region and seen blooming in the convention gardens.

WINNER

QUITO	(Joe Ghio)	23 votes
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Runnersup

SILENT SCREEN	(Walter Moores)	19 votes
HELLO DARKNESS	(Schreiners)	18 votes
HORATIO	(Ben Hager)	14 votes



LENORA PEARL

FAVORITE GUEST IRISES 1993

Joe and Donna Spears (Texas)

Ballots for the Favorite Guest Irises were returned by 308 visitors to the 1993 Texas convention. Votes were cast for over 500 varieties.

Hooker Nichols and Schreiner's each had four of the most voted favorites followed by Keith Keppel with three.

Rank	Votes	Variety	Type	Hybridizer
1	137	Spirit World	TB	Keppel
2	118	Mind Reader	TB	Keppel
3	103	Hello Darkness	TB	Schreiners
4	98	Quito	TB	Ghio
5	70	Lenora Pearl	BB	H. Nichols
6	61	Thornbird	TB	Byers
7	60	Change of Pace	TB	Schreiners
8	58	Horatio	TB	Hager
9	52	Triple Whammy	TB	Hager
10	50	Petite Ballet	BB	Keppel
11	48	Rapture in Blue	TB	Schreiners
12	45	Elect Lady	TB	B. Miller
13	42	Boogie Woogie	TB	H. Nichols
13	42	City Lights*	TB	M. Dunn
13	42	Tennessee Woman	TB	Innerst
16	41	Cherokee Heritage	TB	H. Nichols
16	41	Feminine Fire	TB	Ernst
16	41	Latin Hideaway	TB	H. Nichols
16	41	Ride the Wind	TB	Schreiners
20	39	Speed Limit	TB	Lauer

*City Lights was mislabeled in the garden as City Limits. Votes for both names were combined.

CONTRIBUTORS TO WISTER MEDAL FUND

Barbara Schmieder (Massachusetts)

Anne and Tom Buckeridge	Inland Iris Society
Lucy G. Burton	Mt. Diablo Iris Society
Glenn and Nell Corlew	Region 14
Ronald Mullin	San Diego Imperial Counties Iris Society
Keith McNames	Sydney B. Mitchell Iris Society
Cottage Gardens	Tucson Area Iris Society



Part of Fort Worth Botanic Garden



Tom Burseen in his garden



Favorite Guest Iris SPIRIT WORLD (Keppel '94)

YOUTH VIEWS

Jean E. Morris

Erin Griner Wins Essay Contest

We offer congratulations to Region 19 AIS youth member, Erin Marie Griner, winner of this year's Ackerman Memorial Youth Essay Contest. The contest, sponsored by the AIS Foundation, is made possible by a donation from Mrs. Robert Thrum of Lansing, Michigan, and serves as a memorial to her parents, Jay and Marian Ackerman. The contest's subject this year was "My favorite tall bearded iris which did not receive the Dykes Medal, and why I think it should have (and/or why I think it didn't)." Erin won the \$100 cash prize with a dramatic, neatly written essay that shows off her superior writing talents. We know that Erin also grows and shows her irises as she beat out Region 19 adults in the iris show at Princeton, New Jersey last year to take Queen of Show with her stalk of MOON'S DELIGHT.

Other AIS youth who entered the essay contest were Jessica Braeuner of Region 18, Chris Cohilas of Region 5, Jessica Gee of Region 21, Kevin Gormley of Region 18, Danika King of Region 18 and Justin Philbrick of Region 20. These essays will be published in the youth newsletter, THE IRIS FAN. Thanks to all who entered this year's contest, and a special thanks to Erin, whose essay follows.

Tall and regal it stands, its falls fluttering in the gentle breeze. It is the white clad monarch of the garden. Its infinite beauty captures the eye. All others are forgotten, but it does not matter, for their beauty can in no way compare to its. I step closer and bask in its radiance. The white standards and falls, delicate yellow beards, and straight stalk give the impression of power, yet it holds itself up in a manner that can only be classified as beauty. The clump is big with many bloom stalks. Each with its own profusion of blooms.

As winter comes the blooms slowly shrivel and die taking their beauty with them. The garden is desolate now. Life stirs nowhere. The snow falls and covers everything.

As Spring returns, I find it is still there looking as lovely as ever. It is even more beautiful, if that is possible. Through the chilling winter winds and stinging ice it has prevailed. This makes me happy.

I see it again. This time it is at a show. This flower stands out from all the rest as it does in the garden. The judges think so also because it wins first prize. I believe it should be given a medal. Alas, it has not been awarded one. It is a wonderful iris; hardy, a good bloomer and an excellent show iris. It is PONTIFF.

By: Erin Griner

Youth Achievement Contest Nominations Needed

It is once again time to make a positive contribution to the AIS Youth Program by nominating a deserving youth for the Youth Achievement Award Contest. Think about the youth members of YOUR region. Who attends meetings and tours? Who participates in shows? Who is helpful at sales? Who can responsibly see a job through to completion? Who has a ready smile and words of greeting for a new iris club member? If a youth you know comes to mind, take a few minutes to nominate this young person for the AIS Youth Achievement Award Contest.

Youth Achievement Contest Rules

You may find the guidelines listed below helpful when you nominate your favorite AIS youth.

He/She grows a very fine garden of his/her own.

He/She is an active hybridizer.

He/She has contributed to an iris publication.

He/She has helped an iris organization through a committee or activity.

He/She visits local gardens.

He/She has attended regional/national conventions.

He/She is studying to become or is already an AIS judge.

He/She has promoted irises and/or AIS to others.

He/She has found new AIS members.

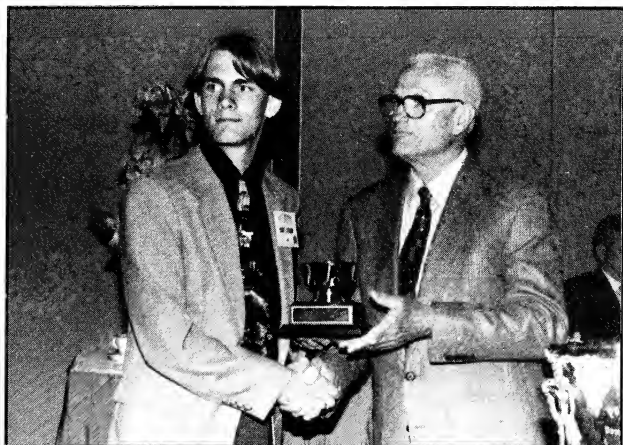
He/She competes enthusiastically in shows.

He/She is involved in scientific experiments with irises.

He/She is interested in irises other than TBs.

He/She shows leadership.

If you know an AIS Youth Member who is active in any of these areas, please nominate that youth! Rules are simple. Any AIS member may nominate any AIS youth member. Entries must be in writing, including the name and age of the youth member, and mailed to Jean E. Morris, 682 Huntley Hgts. Dr., Ballwin, MO 63021, by January 31, 1994. The youth committee will code the entries to conceal identities and send them to a carefully selected panel of judges. Awards will be presented at the National Convention in Portland. *Tips to Nominators:* Please use the activity list above as an outline for your nomination, elaborating on each area that applies to your nominee. Try to limit your nomination to a maximum of two pages. A youth may be nominated by more than one person. Feel free to add anything not covered in the list, especially those qualities that make your nominee special. Take as much care and consideration as possible in preparing your nomination. How well you present your nominee to the judges can influence the outcome.



Kurt Latimer of New Mexico receives Youth Achievement Award from Bennett Jones.



AIS Youth Committee Chairman Jean Morris is youthful and pretty as she admires CLEAR MORNING SKY.

THE AMERICAN IRIS SOCIETY FOUNDATION

Eric Tankesley-Clarke (Missouri)

Purpose. Every organization should have one. The American Iris Society Foundation's purpose is not as well known as it should be to AIS members. As President of the Foundation, I'd like to take this opportunity to help lift the veil of mystery.

Since its creation in 1971, The American Iris Society Foundation purpose has been to assist in projects of education and scientific investigation concerning irises. The Foundation is completely separate from The American Iris Society, and yet still depends on the members of AIS for its support. Here are some examples of how the Foundation has used the funds you have made available to it.

For the first few years of its existence, the Foundation had very little money. After a few generous bequests and gifts, it was able to offer its first grant. That was to AIS to help with the publishing of *The World of Irises*, still a primary source of information to the gardening public on culture, different kinds of irises, and more esoteric topics such as genetics and pigmentation. Since then, the Foundation has aided in publishing *The Siberian Iris* and *The Japanese Iris*, demonstrating its willingness to help promote and popularize the many types of irises.

The Foundation administers two projects specifically aimed at our youth. The Ackerman Essay Contest involves AIS youth by offering prizes to entries voted best on annual topics. The Foundation also serves as trustee for a scholarship fund from the Iris Society of Dallas, intended for students from that area who will study horticulture.

Investigations of irises figure prominently in Foundation-funded activities. The Foundation is currently funding research into the relationships among species of Louisiana irises. This has proven to be a particularly worthwhile investment, since the Foundation's grant was used as seed money, leading to other foundations providing funds to the project. The Foundation participated in funding the latest trip to China of James Waddick. It has recently given funds to a researcher investigating Pacific Coast Native Irises. Reports of these and other investigations are published in the *Bulletin* as the researchers make them available.

Worthy proposals may arise at any time and from any person or organization. In order to provide a sound financial basis for funding these proposals, the Foundation adopted a policy of treating its funds as an endowment. To insure long-term support, the Foundation, in general, limits its annual spending to no more than its annual income from donations, bequests, and interest. There are two ways that AIS members can help the Foundation carry out its mandate.

First, the Foundation invites proposals from AIS members. Keep in mind that proposals must be neither too broad nor too narrow. A good proposal will suggest who can properly lead the project; the Foundation does not have the resources to conduct widespread searches for researchers to assume a project. The proposal must then be considered by the Board of the Foundation. The Board takes into account whether the proposal addresses bona fide scientific or educational issues

related to irises, whether it is clearly defined, whether it can reasonably be expected to produce beneficial results, and such other considerations as each proposal requires. The relative merits of each project must be considered when competing with other projects for limited funds.

Second, it is only through your generosity that the Foundation has been able to help in the ongoing discovery and promotion of the wide world of irises. We urge you, and the societies to which you belong, to keep the future of irises and iris fanciers in mind as you consider donations, memorial gifts, or bequests. Your contributions will help ensure a sound footing for the projects that come before the Foundation.

You can get more information about submitting proposals or sending gifts to the Foundation by writing to Richard Pettijohn, 122 S. 39th St., Apt. 604, Omaha, NE 68131. We hope that now there is a little less mystery and a little more purpose.

MINIATURE TALL BEARDED IRISES IN MASSACHUSETTS

Lucy Burton (Massachusetts)

The Miniature Tall Bearded season was gorgeous in 1993. Not only the mature clumps sparkled with bloom, but five out of the six new varieties had a flowering stalk yet gave no sign of having to struggle to adjust to a new and different soil.

Two of the most spectacular plants were a 1925 lavender-blue, TID BIT, and the 1990 white, ASTRA GIRL, with exquisite small flowers which reflect the light. TID BIT is in many of the more modern pedigrees and can compete with them in form. Other white MTBs showing well this season were PIQUANT LASS (Guild '86) and BABY BIBS (Dunderman '83). Add the beige-cream CREME LADY (T. Varner) for a different shade of white. The lavender shades were finished off with LITTLE PAUL (Fisher '85) sporting its orange beard and the late blooming LADY DI (Varner '89).

Hybridizers are working to get darker colors into this class. Our darkest variety is POLLY'S PURPLE (Bishop '72). Like LITTLE PAUL, the beards are bright orange. PANDA (Dunderman '75), the first MTB we ever grew, is just slightly lighter in color. Magenta NEW IDEA (Hager '70) is very vigorous and the best growing tetraploid MTB in the garden. It usually must be divided every second year.

Our first plicata was DOLL RIBBONS (Dunderman '78), for a while the only contrasty plicata we saw. It has now been joined by DOTTIE JOY (Witt '90), dark orchid on white, and blue-violet edged SHEER ROYALTY (Varner '92). Last year we added WIDGET (Williamson '43), medium blue on white, which shows that DOLL RIBBONS wasn't the only one available after all. CAROLYN ROSE (Dunderman '71), bordered and sanded rose-pink, has long been a standby as well as an excellent parent. A glance through the Median Check List shows it popping up in many pedigrees. ROSEMARY'S DREAM (Dunderman '86), rose on white, and CHERRY (Dunderman '89), cherry standards and white fall, edged the standard color, are two of the most distinctive plants in our garden.

Pink has appeared in the MTB class with the development of the tetraploids. ABRIDGED VERSION (Hager '83) has a smoky hue, while LITTLE ME (Hager '88) is a soft pink.

The brown shades bloom throughout the season. PARTURIENT (Boushay '80) is quite early with a rounded form and a reddish tint which allows gardeners to decide if it should be classed as a red or a brown depending on which color is wanted. Our homegrown, BILLIE THE BROWNIE (J. Burton '90) has a golden tone to its brown and an iridescent purple area on the falls. The latest to flower is BROWNIE FLY-UP (Guild '89), medium brown with an orange beard—colors to make all former Girl Scouts proud.

Blue bitones often have “decorations.” The well-known CONSUMMATION (Welch '78), with a double M if you please, has almost white standards with a white edge on the darker falls. TYKE (Warburton '86) has navy falls, almost black, which are decorated with white whiskers. SECOND OPINION (Bausch '88) is blue with shades of lavender also with the whiskered look. OSHEL BLUE (Dunderman '84) could be called blue-violet with lighter shadings, while the brand new MARGINAL WAY (Sobek '93) has a double violet rim on the falls, a light, soft violet bordering a darker blue and a pencil outline of violet on the edge of the petal.

The range of colors in the miniature tall class is constantly being extended by a handful of hard working hybridizers. It is fascinating to see what will turn up next. This season was so joyful that I could relax and enjoy the colors before giving myself a kick to start weeding again.

A LETTER TO THE EDITOR

Jo Anne Glandon (Iowa)

When those of us who run retail gardens put out a listing or a catalog of irises for sale, we have a responsibility to our customers and our reputations to notify and refund money promptly when, for whatever reason, the orders cannot be filled. If a gardener is so busy working, judging, traveling, or hybridizing to adequately take care of this problem, then he or she should not be running a retail business.

Personally, after several attempts to contact a grower involved, I have received no acknowledgement of my correspondence. I believe that almost ten months is enough time for anyone to attend to such a problem. Is this the image a grower would want? Not only is this a poor business practice, but I have lost a whole year of growing time because it was too late to order from anyone else.

TURNING TRASH INTO TREASURE

Barbara Flynn (Washington)

January was its usual wet and windy self this year. Perfect weather to get indoor work done. I had gardening magazines, some from the 1960s, taking up badly needed shelf space, but as I started to throw them out, pages opened and before long I started to read. Some of the articles were hopelessly out of date but others had information on irises which was of value and worth keeping. These were clipped out and put aside. There were also some old catalogues from Wayside and White Flower Farm, full of good iris pictures and long-forgotten information.

The pile grew, and our own AIS calendars with George Water's many excellent compositions were added to the heap.

All the "keepers" were sorted into various categories: Bearded, Aril, Siberian, Pacific Coast Native, Chinese, Spuria, Louisiana, Japanese and crested irises. A three-ring binder with sheet protectors and black paper inserts was available. Articles were placed inside the sheet protectors and photographs were positioned on the black paper and then also inserted into protectors. Each section was separated by a blank page from the next. Landscaping ideas were also a separate section. The material assembled filled the entire binder.

Now we not only have a great reference book, but for a day or two I had an empty shelf too.

A LETTER TO THE SCIENTIFIC EDITOR

IRIS X CONGLOMERATA VS. IRIS X POGONHYBRIDA

Samuel N. Norris (Kentucky), sent the following letter to the Scientific Editor July 25, 1993:

"Re Norlan C. Henderson's article in the July 1993 Bulletin of the American Iris Society, *Iris X Conglomerata*, he is assigning a very unattractive name to a lovely group of flowering plants.

"He states that he knows of no other instance in which a hybrid section of a genus has been established. A brief look in Hortus Three at plants I am slightly familiar with showed *Begonia X tuberhybrida* and *Gladiolus X hortulanus*. In both instances these plants have such involved parentage that they cannot be identified with any particular species, much as with our bearded iris.

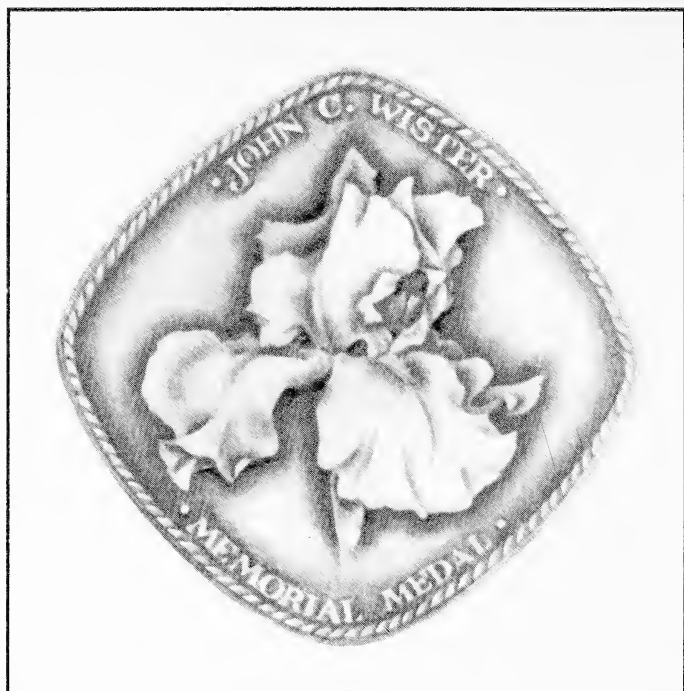
"The designation of *Iris X pogonhybrida* or *Iris X pogonhortulanus* would show these plants to be bearded iris of complex parentage while *Iris X Conglomerata* is not necessarily identified with the bearded iris, but could apply to any particular group of iris.

"If other sections are crossed with members of the "conglomerate," would they also become members of it? *I. tectorum* has been crossed with the TBs a number of times, and I have seed from a tetraploid, *I. tectorum* X tetraploid, *I. pallida*, which may or may not germinate, but eventually someone will succeed if I do not. If these behave the way the arilbreds do, then they would have the same status as the arilbreds. I also have an *I. kemaomensis* that checks out as a tetraploid. I have already made a cross of a diploid *I. kemaonensis* with *I. korolkowii*. Of course the plants were not fertile, but with the tetraploid *I. kemaonensis* fertile hybrids should be produced.

"The possibility of bringing some of the diploid species up to the tetraploid level, then crossing them into the tall bearded family opens up many other possibilities."

Sci. Ed.: In Hortus Third, the editor also found "*Rhododendron X gandabense* (C. Koch) Rehd" designating the Ghent Hybrid azaleas, a series of hybrids between *R. luteum*, and other species probably including *Rr. calendulaceum*, *molle*, *periclymenoides*, and *R. viscosium*. And that was the only example found of a Sub-Species hybrid designation in a less than thorough search in Hortus.

Comments from AIS members on your preferences or additional nomenclature suggestions are welcomed. A further provocative letter from Samuel Norris, August 14, 1993, should also generate some constructive feedback.



PRESENTING THE WISTER MEDAL DESIGN AND ITS DESIGNER

Lynn Markham

Pictured above is the beautiful and distinctive design which will be cast in bold relief on the face of the John C. Wister Memorial Medal. The medal will be cast in bronze and will be 3-1/2 inches in diameter. The talented designer, Nancy S. Harkins of Tulsa, Oklahoma, has most graciously agreed to design the reverse of the medal as well, and this work is already in progress. The medal will be presented for the first time at the AIS National Convention in Portland, Oregon, and the recipient will be Schreiners for their tall bearded iris, SILVERADO.

Introductions are in order, of course. Meet our designer:

Nancy Harkins has loved drawing and painting since she was a small child. Her work received recognition throughout her school years, and at seventeen, she was accepting commissions for portraits from classmates and teachers. Having received little formal training, she continued to study and work on her own and in short-term classes and workshops. In 1984, she quit her office job to make watercolor painting her vocation.

The old "flag" irises of Nancy's childhood memories had never been much of a favorite, but when she attended the Tulsa Area Iris Society show in 1982, she was

totally captivated by the form and color of the newer varieties she encountered. She began her small iris garden that year with eight rhizomes purchased from the club. Never having had a great interest in floral painting, she was surprised when in Spring, 1985, she felt the need to experience the beauty of her irises in a deeper way by doing drawings and watercolor paintings of them from life. Her first efforts concentrated on the basic shape and color, but by her third season, her joy was to capture every dramatic curve and nuance of color, still without photographic reference.

Since that time, she has produced countless drawings and over forty-five richly-colored watercolor paintings from most of the irises in her garden. Many of these works are in private collections locally and around the country. Her work may be seen at the Scissortail Gallery in Bartlesville, Oklahoma, or at her home.

Nancy is active in her church, a local arts group, and the Tulsa Area Iris Society. She resides in Tulsa with her husband (and best friend), Ed.

Congratulations, Nancy!



Nancy Harkins

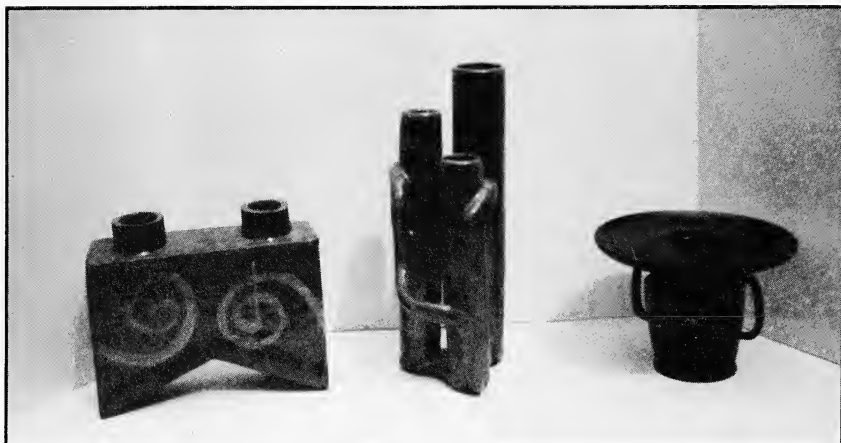
CREATIVE DESIGNS

Carolyn Hawkins (Georgia)

Creative and original are terms which go together no matter the medium. Creative is a simple term defined as “having the quality of something created rather than imitated; imaginative.” In other words, it is original. Creative is not exactly the opposite of traditional but different by taking the design a step further, using the imagination with a “wild” container or placing the plant material in an unconventional manner.

Creative is NOT abstract but abstract is creative. It is not the intention of this author to discuss abstract, but it is good to see where it fits in the design world. Also, it might help answer any questions one might have when viewing designs in a show to decide if it is abstract or creative. The definition of abstract as refers to a painting is: “having only intrinsic form with little or no attempt at pictorial representation or narrative content.” The same applies with a design—the flowers are turned upside down, lines are crossed, more than one focal area and more than one point of emergence may be visible. Spaces may be incorporated, usually bold colors and dramatic materials are used; there can be angles, circles, etc., in the design, and they can be very interpretive of a personal emotion or feeling.

Take a *little* of the above definition, add some originality and you’ve got a creative design. The term “modern” is used in many of the show schedules, but what is modern? It has a non-traditional feeling, or is it abstract, or is it creative? Try using the term “creative” to avoid the word abstract being associated with “modern.” Abstract is intimidating to new designers especially, and the *creative* arena is wide open, covers a lot of territory and is easier to understand. (Even some experienced designers are intimidated by abstract).



Picture 1

Creative containers (left and middle) providing 2-3 openings for placement of plant material. Container on right is a traditional oriental style.



Picture 2

“Found” containers. Left—recycled plastic extrusion, Middle—part of a stove flue, Right—mining crucible.

Start a creative design with the selection of line material or a container. Once this decision is made the rest is easy. Always be on the alert for unusual line material and containers. Dried wood, vines, etc., can be collected and stored and used many times in different designs. Because this material is dried, some can be painted for dramatic effect or to interpret a certain theme (but don’t go overboard using too much painted material in a design). Remember, when writing a schedule with creative designs to allow dried/and or fresh and/or treated material to be used. This way the designer will have a choice of materials.

Containers can be pottery with holes, angles, a series of tubes, etc., or something as simple as a handmade container from stacking cans, texturizing and painting. Also driftwood can be a creative container or can be mounted on a base or placed in another container at an angle. This is an area where the imagination can run free. One hint would be to keep the color of the container neutral (black, gray, natural) so it will not dominate the design. (See Pictures 1 and 2)

Creative designs can be line, line-mass or mass designs. By using the materials discussed, keeping the overall look bold, incorporating all of the principles and elements of design, a striking, dramatic statement can be made—and a blue ribbon won! Too simple, you say! Try it and venture out from traditional—you’ll like it. (See Pictures 3 and 4)

A question has been submitted concerning the requirement to use some iris foliage in an iris show. This is a requirement **ONLY IF IN THE SCHEDULE**. It is better to eliminate this restriction and give the designer free use of materials. The requirement of iris to be used or emphasis to be on iris (AIS Handbook p. C-77 and p. C-79) **IS IMPORTANT** and should be in the schedule. Use of *iris foliage* is not a requirement in the AIS Handbook, so if a panel of judges is scoring down for lack of iris foliage, the Judge’s Chairman or General Chairman should be notified to point out it is not a requirement (if it is, in fact, not required by the schedule). There is a tactful way to handle this and keep the judges on track.



Picture 3

Line is sago plam with leaves trimmed. Iris is 'Miss Gwinnett' with helleboros foliage added.

Oak branch mounted on black base is line with 'Black Gamecock' Louisiana iris, hosta and iris foliage. Flowers are designed in a cup needleholder and can easily be placed anywhere on the base.



Picture 4

Send any questions to: Carolyn Hawkins, 7329 Kendel Court, Jonesboro, GA 30236-2512. The flower arranging book, "AT HOME WITH FLOWERS" is also available from Carolyn for \$17 which covers handling and postage. This is a softbound book with color pictures prepared by designers and illustrates the basics of designing from A - Z, plus some extra hints on drying flowers, mechanics, etc. Make check payable to Carolyn Hawkins.

WHITES BRIGHTEN THE GARDEN

Robert L. Jensen (Idaho)

Almost everyone seems to like a white iris. They look good in a garden, in a show and for indoor decoration in a home. The modern whites have reached a high state of perfection in form, width of petals, ruffling and style, and many whites are very fragrant.

Good whites come in all sizes, tiny EGRET SHOW and the flaring, tailored PURE ALLURE and FAVORITE ANGEL are fine dwarfs. Older AVANELLE, which seems to have a hint of lemon in the flowers, is still one of the best intermediates. The more recent LOW HO SILVER not only looks good in a spring garden, it reblooms reliably even in a short season area like mine. NORTHERN JEWEL is creamy white with a big showy yellow beard.

PURE AS THE seems almost the ultimate in a heavily laced and ruffled pure white tall bearded. FINE CHINA has been a first-rate performer here for a number of years and the green-tinted SHOREBIRD is vigorous and beautiful, highly fragrant and has bloomed faithfully for the past three seasons. SILVERADO is white, lightly tinted with lavender, perfection in ruffling and form makes it much admired; it performs well, too. IMMORTALITY lacks the style, perhaps, of some of the above whites, but it is another reliable rebloomer here, and valued for that reason. Very late in the season comes KUNIKO, pure snow white, very lacy and ruffled with showy yellow beards. It is a beautiful flower to close the season.

And let's not forget the whites with red beards, always very popular. STARTLER is not new, but it is still one of the best. ANY SUNDAE is a charmer, and WINTER SCENE and CRYSTAL PRISM have wonderful, big, red beards.

In the MTB class, CRYSTAL RUFFLES is very fine, and even little old PEEWEE is worthy of garden space. And for a long time faithful white which still looks good after twenty years, WEDDING VOW rarely fails to please.

There are many others equally fine and reliable, these happen to be favorites in my garden.

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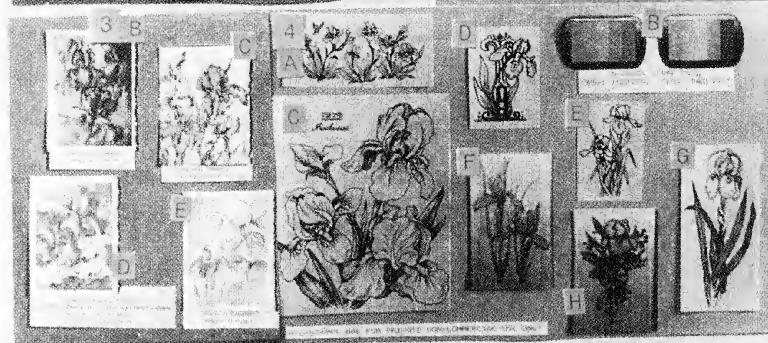
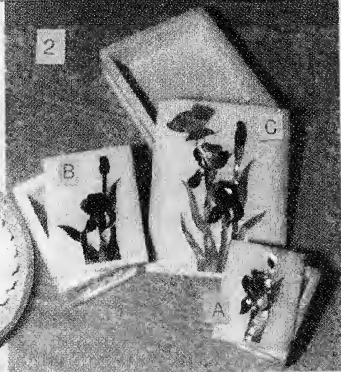
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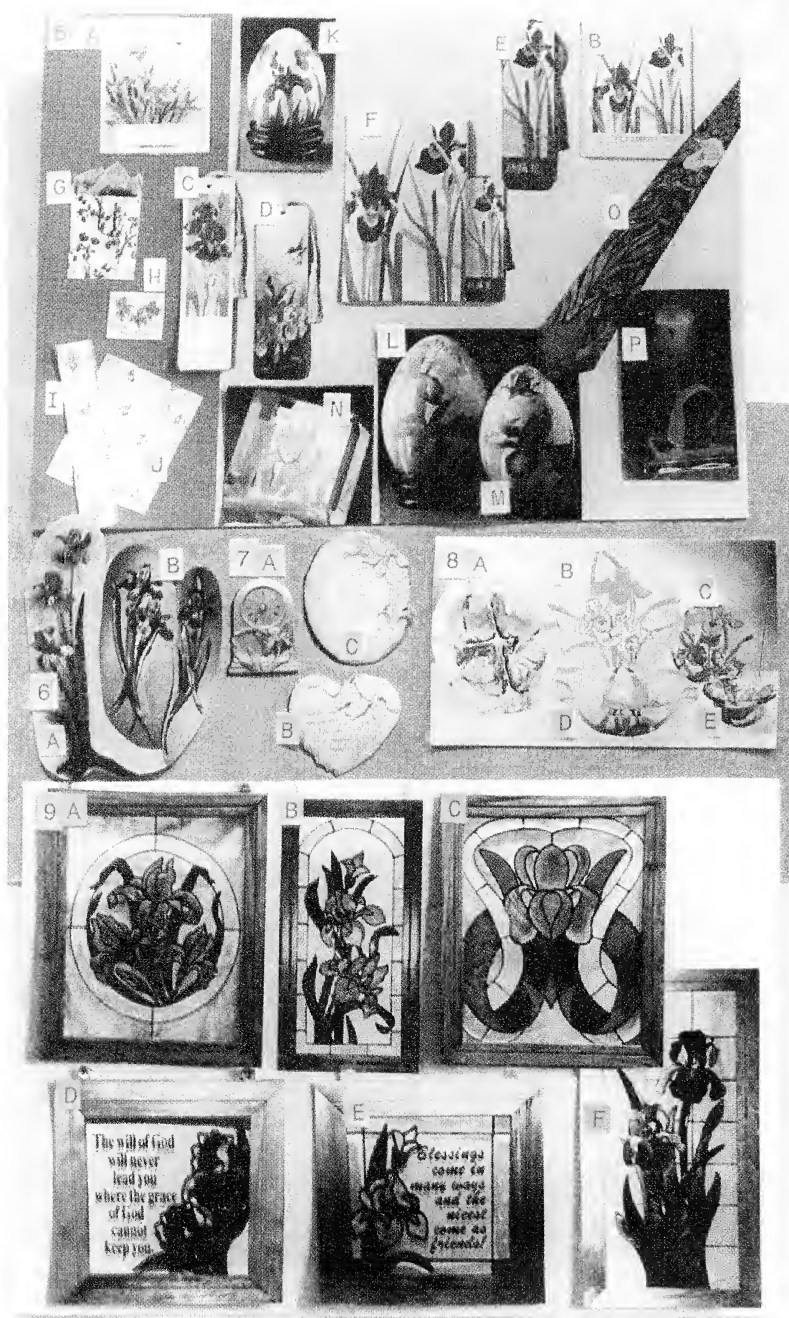
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MEDIAN SPREE IN '93

Barbara Schmieder (Massachusetts)

Median enthusiasts who attended the Median Spree in Oklahoma City, April 15-18, will long remember this happy time we spent together. From the Welcome Banquet on the first night to the Awards Luncheon on the final day, all arrangements were A-one. When it was evident that some gardens would not be at peak bloom, 3 “bonus” gardens were added that had special bloom—one spring bulbs, one wildflowers, and another one irises.

But let me start at the beginning. The first night we were all excited about seeing old friends and catching up on news. After the Welcome Banquet, Perry Dyer, Convention Chairman, introduced Gail Wettstein who gave a brief (After all she is a lawyer!) and hilariously funny account of her experiences as Guest Iris Chairperson. This set the tone for the whole convention—it was going to be light and fun! After seeing some slides and gabbing some more, we went to bed and slept happily, knowing that the buses weren't going to leave the hotel until 8:45 a.m.

On the bus the next morning, I passed around lists of irises to be auctioned at the median section meeting in Fort Worth (hoping to get some interest generated), and everyone agreed that the auction should be held in Oklahoma City—after all, the median die hards were here. This posed two problems: one, would we be able to get a room at the hotel for the auction, and two, could we get the hybridizers to donate more rhizomes so that the people in Fort Worth wouldn't be disappointed. Well, Peggy Estes was able to get a room and median hybridizers are about the most generous people I know, so we were on for Saturday night.

If you're beginning to think that all we did was talk, eat, and arrange auctions, you're wrong. We went to several beautiful gardens and saw irises, as well as other plants. We were all impressed by the lovely redbuds, Oklahoma's state tree, that seemed to be blooming everywhere. Peggy Estes' “bonus” garden had masses of bloom, including an unusual white *mertensia virginia*, a choice marbled foilage arum, purple and white helleborus, and bronze and gold ruffled pansies. Another “bonus” garden—Marjorie Miller's—was filled with lovely pink, red, yellow, and plum colored tulips, blue-grape hyacinths, and pansies in shades of rosy pink, blue, gold, and pale yellow. She also had a redder redbud tree named Oklahoma and a red bud tree with white blossoms. At Dr. Rex Mathews' garden, we all gathered around a clump of Paul Black's TU TU TURQUOISE ('89) and practically salivated over this wonderful ruffled white SDB (Unless otherwise indicated, all irises mentioned are SDBs) with turquoise spots on falls. I think that we all felt that we had found the best in-region variety already, but that was before we got to Paul's garden and saw TWEETY BIRD! There was also a great clump of EYEBRIGHT (J. D. Taylor '79), the unique bright yellow with brown rays on falls.

At Chris Vizvarie's garden, we were warmly greeted by Chris and his two little black dogs, Cricket and Skunk. Bloom was just starting here, but we did see a few irises and liked the Willott's violet-blue GEUGA LAKE ('85) with olive-tan halo around violet beards and WOODLING ('85), Bob Sobek's unusual greenish-gold blend with brown spot on falls. At Perry and Kitty Dyer's, we were all impressed by a wonderful seedling of Marky Smith's—90/07A—a wide, lightly

ruffled greyed-blue with olive haft markings and deep blue beards. Form was absolutely tops! Of course, I was glad to see two of Perry's own—my favorite SERENITY PRAYER ('89), creamy white flushed yellow at hafts, deep blue beards and WIZARD OF ID ('81), antique gold with purple beards. This was another garden not yet at peak, but full of blooming plants—daffodils, Texas blue bonnets, plum-colored petunias with white edges and pansies.

Wauzelia Shelley's garden had good bloom, and we enjoyed her unusual "mulch"—apple blossoms in masses had blown off, covering the iris beds! Seen here were CHICORY DICKORY (Hager '92), a nicely formed chicory blue; VERY VIOLET (B. Jones '91), a very dark violet with pale blue beards; JOE COOL (Aitken '91), white standards, very light blue falls, tangerine beards; and TOY BOAT (Black '89), white standards, turquoise falls, mustard beards.

Last stop for the day was Paul Black and Louis Scott's garden and TWEETY BIRD (Black '93) was the star here—a very ruffled yellow with orange beards. Louis's artistic landscaping has made a perfect setting for Paul's irises and their hostas, water garden, and other perennials. I particularly liked the thyme in full bloom between the stones on a path. One of the few IBs we saw, RARE EDITION (Gatty '80)—the purple and white perfect plicata that should have won the Dykes—was blooming away and later took Best in Show at the SSIS median show. FIRESTORM, a not-yet-introduced Marky Smith creation, was a mass of bloom—brownish-maroon standards, yellow falls with brownish-maroon plicata edge, gold beards and super form. The unusual SNOW TREE (Sobek '90), white with dark olive veining and FLUFFY (C. Palmer '91), a wide white with lemon beards, were impressive, as was a large clump of Paul's seedling 91289B, a wide purple with deeper spot on falls. The seedling beds in back had many promising things, in particular B246A—a small, (MDB?) really clean white plicata narrowly marked blue-violet with blue-violet stylearms, deep color on midribs of standards, and white beards tipped deep blue. I'll be watching for it to be introduced.

Back at the hotel, several of us decided that we wanted to go to Applewood's for dinner. When the compact taxi arrived with bucket seats in front, we had quite a time fitting six adults plus driver into the car! Coming back, three of our group decided that they'd take their chances in the back of the Schuler's pick up truck and declared that they had a smoother ride. I was a little late for the Median Board meeting, but Dorothy Willott and Sheldon Butt caught me up on what I missed—very important since I was acting secretary and had to take notes.

Next morning we were off for Edmond, where we were to see four gardens. The Bill Clark garden was just starting to bloom, but we saw a couple of nice irises from his nephew, Hooker Nichols—APRIL ANGEL ('91), a nice white, and ROYAL DECREE ('91), a purple with some white on midribs and beside the beards. Jim and Maxine Hawley's garden had more bloom, and I got my first look at Allan Ensminger's WHAT AGAIN ('91), a really contrasty flower with violet standards, tan falls, and violet beards. I also liked FAT N SASSY (Gaddie '89), purple with wine spot on falls and gold beards. Monty Byers' HOT ('91), with bright gold standards and red-brown falls edged gold, was appropriately named. Phil and Mary Watson's garden had nice, long, raised beds edged with railroad ties—plenty of bloomstalks but very little bloom yet. Interestingly, one of the few

irises blooming was an IB, BALDWIN'S ACE (Tim Craig '66), a black-violet self that had everyone asking "What is it and where can I get it?!" Dave Niswonger's CREAM CAKE ('90), white standards with some lemon, falls lemon edged white, was nice, also, Cleo Palmer's FERN'S DELIGHT ('89), standards light blue-violet, falls grape.

Nancy Fernandes' garden was near peak bloom, and there was much to see. SMART (Innerst '91) was one of my favorites of the convention—wide form, red-violet with purple spot on falls, bushy blue beards. I starred Paul Black's INKY DINKY ('91)—white ground with deep blue plicata markings on a small flower and GEMSTAR (M. Smith '94?)—a really great violet luminata. PUMPIN' IRON (Black '90) was stunning—red black with darker spot on falls. We all admired the pond with its waterfalls and koi and hated to leave. But we were given a treat—a trip back to Paul Black's garden. This time I noted Cleo Palmer's SPANISH EMPIRE ('90)—pale lemon standards, white falls with yellow veined hafts. It was nice to see an old friend, Bee Warburton's lovely ruffled blue, BAY RUFFLES ('85), looking so pretty.

Back at the hotel, we ate quickly so that we'd be in time for the median auction. Disaster struck—the hotel projectors were in use and we had slides to show. All was well, though, as Dave Niswonger had brought his own projector. President Jim Morris was auctioneer and brought in some high bids, including the convention high for Marky Smith's STARBABY ('93) which none of us had ever seen! It just shows how fast her reputation got established at the convention. Editor Sheldon Butt kept the books, and we wound up \$1483 richer in the median treasury. I don't know when I've had so much fun spending money.

The last morning was the day of the show, and I felt very privileged to be asked to judge, along with eleven other Spree attendees. We had no problems choosing Best in Show—RARE EDITION, exhibited by Paul Black, was IT. Best seedling was MIDNIGHT MIST, a luminata from Paul Black. Silver medal was won by Paul Black; bronze by Nancy Fernandes.

Back at the hotel, we enjoyed a delicious lunch and then Perry Dyer presented the awards. TWEETY BIRD, to no one's surprise, was a runaway winner for Best Region 22 Introduced Variety. Best Out-of-Region Introduced Variety was won by WHAT AGAIN. Marky Smith walked away with Best Out-of-Region Seedling—GEMSTAR, and Paul Black was again a winner with Best Region 22 Seedling—91289B. I'm sure the winners will treasure their awards—engraved lucite triangles on wooden stands, designed by Louis Scott.

If you think that this was the end, you're wrong! Most of us got back on buses again and went either to see the show or to judges' training in Paul Black's garden. Terry Aitken and Lynda Miller conducted a point-scoring session mostly on Paul's seedlings. Frankly, it was hard to count off *any* points on any of them, they're all so good. We somehow managed to do so and got an understanding of what to look for in garden judging.

Sooner State Iris Society did a great job putting on this convention. If you missed it, mark your calendar for 1996, when Portland, Oregon, will host the third Median Convention, to be held after the AIS Convention in Sacramento. Mini-conventions are fun—join us next time!

RAINBOW'S END, THE 1994 CONVENTION GARDENS

Marky Smith (Washington)

The Greater Portland Iris Society, host of the 1994 AIS National Convention, and all of Region 13, welcome iris lovers to the Rainbow's End, May 21-25, in Portland, Oregon. Greater Portland is the home of the two largest iris gardens in the world; and all nine of the tour gardens are commercial, which is unique. Even more unusual: seven of the nine, plus six suggested "bonus gardens," are home to some of the AIS's best-known hybridizers. In addition to the official guest irises—close to 4,000 of which are flourishing in the convention gardens—the seedlings of these Northwest hybridizers provide a window into the future, not only for Tall Bearded irises, but for Medians and Beardless varieties as well, including Siberians, Pacific Coast hybrids, Cal-Sibes, Japanese, and Species Crosses.

Of the display gardens, eight are located in Oregon in a one hour radius around Portland, and one is across the Columbia River in Vancouver, Washington.

(1) Chehalem Gardens: Tom and Ellen (Schreiner) Abrego planted their first commercial field of Siberian and Spuria irises in 1982 and published their first price list in 1983. In the spring of 1988 they moved to 26 hillside acres in the Red Hills of Dundee, the heart of Oregon's wine country. They have kept their commercial planting on a modest scale—about 1000 Siberians and a smaller number of spurias—small enough to do their own work and enjoy it, while balancing their full-time employment at Schreiner's Gardens. Their permanent display beds are now flourishing and feature over 200 different varieties of Siberians and over 150 different spurias, a relatively complete collection of modern cultivars of both. Their hybridizing has been limited so far.

The convention beds contain 75 guests, all beardless. Nearby are new displays of Sino-Siberian species and hybrids, Cal-Sibes, *versicolor* hybrids, several spuria species and Japanese irises. Pacific Coast natives have been planted around the property, and some can be found growing wild along the trails in the woods.

Visitors will pass through the Abrego's personal garden, designed by close friend Michael Schultz, which features species rhododendrons, ornamental grasses, and old-fashioned roses. Small rock and scree gardens provide the fascination of gardening on a miniature scale. Visitors will notice the newest project, a small walled garden, designed for privacy, laid out below the iris field. The walls, to be completed in the summer of '94, will be constructed of 10,000 wine bottles, to tie the Abrego's love of gardening to the viticultural endeavors of their neighbors. Tom and Ellen are pleased to share the many facets of their unique garden with everyone.

(2) Aitken's Salmon Creek Gardens: After Terry Aitken's graduation in architecture from the University of Minnesota, he and his wife, Barbara, began their iris collection while landscaping their first custom-built home in Minneapolis. Endless variations of colors in the Schreiner catalogue tweaked their curiosity, and annual additions to the collection to this day.

To indulge their love of plants, Terry and Barbara selected the dramatic geography and gentle climate of the Northwest and moved to Vancouver, Washington, in 1974. Their iris collection has expanded steadily and now covers five acres around the neighborhood. The Aitkens pride themselves in having iris bloom from late March to July, with a sprinkling of rebloom until freeze-up.

The large commercial garden reflects the airiness, order and precision found in Terry's architecture. Plantings are arranged by progressive height and bloom, beginning with miniature and standard dwarfs. Six beds of convention guests are planted midway in the garden, five for bearded irises and one for beardless, including Siberians, spurias, specie crosses, Louisianas, etc. Beyond, the commercial Tall Bearded stock is arranged alphabetically on the left, and the Medians, Siberians, and Japanese are on the right. Further back, near the woods, are rows of Terry's own seedlings.

The house, which Terry designed, is surrounded by trees, mature rhododendrons, and other Northwest favorites, azaleas, astilbe, hostas, daylilies, and a few fruit trees. Beside the drive is the new greenhouse, which houses Terry's latest hobby, orchids, with 250 named, award-quality plants and 1,000 seedlings, some of which might be blooming at convention time. The Aitkens invite you to share their love of irises and join them in friendship.

(3) Cooley's Garden: From the early 1920s, Rholin Cooley and Dr. R. E. Kleinsorge were good friends and shared their devotion to irises. Kleinsorge was a prominent hybridizer, and Cooley's Garden introduced his well-remembered varieties. Later, introductions were added from other famous hybridizers, including Dave Hall's pinks, Jim Gibson's plicatas, and the work of Larry Gaulter, Gordon Plough, and a number of recent breeders. Rick Ernst, Rholin's grandson, began hybridizing for Cooley's in 1975.

In 1985, the extensive display garden was planted at the present Silverton office-warehouse complex, and subsequent additions include a Japanese theme garden with gazebo and goldfish pond fed by a recycling brook. Enormous berms, planted with dwarf conifers, variegated pines, Japanese maples and azaleas, divide the display beds from the newest area, a spacious lawn which is ringed by irises and surrounds a large fountain. The final addition will be a victory garden with formal iris beds.

Behind the garden is the indoor display show where over 200 iris arrangements, augmented by hanging fuchsias, will stimulate the imagination for design possibilities at home. Ten double-wide, raised beds of convention guests are planted behind the office complex, with sod paths between. Beyond, the seedling beds encompass several acres and are available for viewing, should one have time to return later. Altogether, Cooley's has over 250 acres of fields which, during May, become glorious patchwork quilts with giant squares stitched together in all colors of the rainbow. Cooley's welcomes thousands of visitors yearly, and they hope you too will join them next spring.

(4) The Craig's Garden: Jim and Vicki Craig have grown irises for more than thirty years in six different western states, and they have been hybridizing nearly as long. Their present garden occupies 1.5 acres of gently sloping ground framed by dozens of mature trees which provide a wide variety of foliage colors and

textures. Semi-natural woodland shades the small stream at the rear of the tract. The iris beds contrast with border plantings of other perennials and shrubs, and spring bulbs and rhododendrons supplement the massed iris colors for several months.

The guest irises occupy six sunny beds south of the front lawn, with wide paths for easy access for viewing and photography. This planting is flanked by other rows featuring recent Tall Bearded introductions and by TB seedling rows as well. In front of the house, Medians share a long bed with roses and a few Siberians.

The area to the north of the house is devoted to median irises. A wide selection of miniature tall bearded dominates a long bed at the side. The rest of the area is devoted to *I. aphylla* and 48 chromosome *aphylla* derivatives that are being used for breeding stock and/or propagated for possible introduction. Most of these plants bloom earlier than the tall bearded stock. The Craig's long and patient hybridizing program with these unusual cultivars has paid them dramatic dividends over the last few years and is an especially interesting variation on the usual themes.

(5) Mountain View Iris Gardens: John and Wava Ludi, their son John, and his wife, Kay, have combined their talents and energies in a commercial planting on the family's sixty-acre cattle ranch in Sandy, near the foot of Mt. Hood. Situated across a country road from massive rows of berry vines, the flowers provide a beautiful contrast among the rolling, green foothills which are crowned with small stands of evergreens.

The garden is accented with latticed archways, where Wava is training her climbing roses. The convention guests are planted in rows beside the driveway, and are just part of the two and one half acre garden, which includes the Ludi's personal collection of over 1300 named irises, comprising ten varieties, including miniature and standard dwarfs, intermediates, borders, tall, miniature tall, Siberians, spurias, Louisianas, Japanese, and native species. Added to this rainbow of color is a generous planting of peonies, daylilies, geraniums, roses, and other perennials spread throughout the garden. From late summer until frost, the acreage is brightened by reblooming irises and a large collection of chrysanthemums. The Ludis sell cut flowers and irises at the garden and expect to have their own catalogue by the spring of 1994.

Behind the gardens, John and Wava's home is surrounded by trees, including Japanese Maple and Laburnum, with azaleas and weigelia to provide extra color. On a fine day, Mt. Hood is framed by the mature firs; and Mt. Adams and Mt. St. Helens stand on the northern horizon.

(6) D & J Iris Garden: Duane and Joyce Meek moved from Concord, California, to their present, (and final) location July 4, 1989. Their 6.5 acre farm is located centrally between Silverton, Salem, and Woodburn and adjoins 40 acres belonging to Cooley's Gardens. The storybook farmhouse is shaded by oak trees and surrounded by Joyce's personal garden of rhododendrons, azaleas, tulips, daffodils, clematis, hostas, unusual columbines, and other perennials. Close by are the beds of Japanese irises and Pacificas, and a greenhouse for hoyas, cymbidium orchids, and other tender plants.

The property includes small apple and cherry orchards and many other fruit and nut trees, and the working farm is home to 14 sheep, with lambs, as well as ducks, geese, and barn cats.

Behind the barns, the visitor comes upon the breathtaking display of the iris field, backed in clear weather by a view of Mt. Hood. On the south side are the orderly rows of convention guests, and Duane and Joyce's most recent introductions are planted alongside. Across the main alley, in a vast riot of color, are the Meeks' seedlings, both the bearded irises and the Pacificas.

Joyce began growing irises in 1960 and hybridizing in 1965. Duane became interested shortly thereafter and began making crosses in 1969. In addition to tall bearded, Duane hybridizes Pacificas and Japanese; and they have many named varieties of both, as well as Siberians, spurias, *laevigata*, *cristata*, and others. Their commercial stock includes tall, borders, intermediates and standard dwarfs, in addition to the Pacificas and a few Aril-Meds. They are delighted to share their charming home and rainbow bloom with conventioners.

(7) Wildwood Gardens of Wil and Tracy Plotner contain several different gardens in one. The Plotners moved to the gentle hill country east of Mollala only a few years ago, to take advantage of available river frontage. On their wooded twenty acres, stump clearing still continues; and the river rock has been used to create many retaining walls throughout the garden.

To reach the guests, the visitor crosses the front yard, edged by the Plotners' own iris collection and Wil's introductions, as well as bulbs and perennials. Beyond, three long double rows of convention irises take full advantage of the morning sun. The house and front garden are backed by mature firs and cedars whose roots stabilize the bank leading down to the river. Below the house, and accessed by a woodland path, is a glen planted with enormous hostas with huge leaves in quilted blues and variegated golds and greens.

Also on this lower level are the commercial daylilies; and beyond, the colorful bloom of the bearded stock and Wil's seedlings. Wil has been hybridizing irises since 1976 and made his first introductions in 1986. With Tracy keeping the office running, and with retirement five years away, Wil is anticipating the chance to devote full time to his gardens. The Plotners both look forward to the Portland convention and the opportunity to meet other growers and admirers of the genus *Iris*.

(8) Schreiners' Gardens: Schreiners' Gardens has long been associated in iris lovers' minds with the breeding and growing of quality tall bearded and median irises. The firm was begun by F. X. Schreiners in St. Paul, Minnesota, during World War I. In 1931, his son, Robert, took up the business, joined later by his sister, Connie, and brother, Bernard ("Gus"). Starting in 1935, the three tested many areas in the United States for iris growing; and in 1946 they moved to their present location in the fertile Willamette Valley, near Salem.

The Schreiners farm over 600 acres, planted in 3-year rotation to ensure optimum growth for the iris crop. For the convention, they have expanded their display garden in breathtaking fashion. Official guest beds contain 520 bearded and beardless cultivars, and these rows are spaced between rows of the

Schreiners' own introductions and best seedlings. Additional plantings include newer iris introductions from all sections of the United States and a bed of Dykes Medal winners from 1927 to the present. For conventioners who manage to see all this bounty in the allotted time, there is a wide path, fronted with lupine, poppies, and pansies, leading to the original display yard to the east beside rhododendrons and mature azaleas over 10 feet high. Additionally, there is the indoor flower show with stalks of all the catalogue varieties displayed on tables along with bunches of the current introductions.

The third generation, including Robert's son, David, and daughter, Ellen, and her husband Tom Abrego, as well as Gus's children, Ray, Steve, and their youngest sister, Liz Schmidt, all manage vital aspects of the enterprise to help Robert who is still very active. The family is happy that Schreiners' has been selected as a host garden for the 1994 Convention, and they all look forward to the opportunity to meet their customers and those with whom they correspond.

(9) Abbey Gardens: One of our newlywed couples, Dave and Nancy Silverberg, have spent the short year-plus since their marriage renaming and revitalizing Dave's Iris Patch, which, in turn, had evolved from Springhill Iris Gardens of Howell, New Jersey. After his retirement from Squibb Pharmaceutical in 1987, Dave moved his garden to Mt. Angel, a small town known for Oktoberfests and a Benedictine Abbey, where he continues to work part time as a pharmacist. He met Nancy at the Omaha Convention and later convinced her to retire from her media position with Canada's *Financial Post* and make her own journey west along the Oregon Trail. Upon her arrival, they began laying out the convention beds, and the beardless guests arrived just a few weeks after she did.

The plantings around the house are devoted to medians, as well as PCIs and species, and a variety of flowering trees and shrubs, peonies, columbines, and other perennials. At the bottom of the large back lawn are two free form beds with Japanese, Siberians and PCIs, accented by dwarf conifers and statuary. Beyond that are the display and convention beds, with 500 guests planted in 17 well-spaced rows. Beardless guests are to the right. The garden grows over 1,000 varieties from species to Spurias, and the bearded display beds contain irises spanning 1984 to 1994, as well as Dave's seedlings, with which he has worked since 1968. The commercial stock occupies the back of the property and a half-acre field next door. There is an antique planting and a collection of beardless irises, consisting mainly of Siberians, and a variety of species and hybrids. The Silverbergs are fine hosts and will make your visit memorable.

REGION 13 BONUS GARDENS:

While the nine official convention gardens promise to provide three full days of "irising," there are bonuses available to visitors who come to the Northwest early, or stay on after the formal festivities conclude. The six gardens listed below belong to well-known Northwest hybridizers.

Iris Country—Roger Nelson:

6219 Topaz St. N.E., Brooks, OR 97305

(503) 393-4739

It was planned to include Roger Nelson's garden on the official convention list, but large buses were unable to negotiate his lane. Your car should have no such difficulty; and we urge you to visit and enjoy his beautiful garden. Roger left

Nebraska in 1987 and moved to the Portland area, where he acquired his garden near Salem in the fall of 1988. Iris Country is now well established. The display beds contain double rows of TBs, dug and replanted every year; and the beds are augmented by flowering trees and dwarf spruce. Ornamental borders containing unique dwarf conifers and hybrid and tree peonies, as well as more irises, divide the garden and also the garden from the field. There are additional peony beds with developing crabapples and viburnums. In the center, a round bed with conifers, peonies and ground cover encircles a lifesized marble statue.

Roger's focus, for the display garden and especially in his hybridizing efforts, concentrates on well-branched Tall Bearded irises that are healthy, rugged growers. The garden will be open from daylight until dark, before and after the convention, and appointments are unnecessary, though Roger would appreciate your notifying him that you are coming.

The (new) Keppel Garden—Keith and Kay Nelson-Keppel:

4020 Cordon Road NE, Salem, OR 97305 (503) 391-9241

After 40 years of hybridizing irises in northern California, Keith Keppel has moved his garden to Oregon in 1993. (He has also moved his new wife, AIS Registrar Kay Nelson, and the AIS registration files.) Region 13 is ecstatic to have all these "transplants." We hope they set a trend.

The new garden has been planted on a portion of their 9.8 acre property on the east edge of Salem, seven miles southeast of Schreinert's Gardens. The land is basically open ground, and development of the garden will take place as time and energy permit. Keith says that 1500 first-year seedlings, as well as his selected seedlings, and a small planting of named varieties are expected to be in place for 1994 bloom. Check with Keith or Kay in the spring as to progress and access.

Laurie's Garden—Lorena Reid:

41886 McKenzie Highway, Springfield OR 97478 (503) 896-3756

A great pleasure for iris growers is a visit to Laurie's Garden, two hours south of Portland, on the banks of the McKenzie River, east of Eugene. Lorena Reid has been gardening and hybridizing at the present location since 1966, and her 2.5 acres include fruit trees and bushes, a creek, two swamps and lots of beardless irises. *Cristata*, *lacustris*, and *foetidissima* grow close to the woods, along with Bloodroot, Erythronium and Trillium. Most of the remaining land contains rows, beds, and line-outs of named clones and seedlings of her Japanese and Sino-Siberian irises, as well as most of the *Laevigatae*, some PCIs Lorena uses for hybridizing Cal-Sibes, and assorted others.

There is bloom from the end of April until mid July or later. Visitors are welcome, and "Laurie" will happily show you highlights, her special seedlings, oddities, and outstanding clones. Laurie's Garden is a mind-expanding experience for the gardener who has grown only tall bearded irises and an exotic homecoming for the lovers of the beardless species.

The Shoop Garden—George and Roberta Shoop

12560 S.W. Douglas, Beaverton, OR (503) 646-2913

George and Roberta Shoop have been gardening in their suburban western Portland home since 1975, but George began hybridizing tall bearded irises in 1949. Their beautiful back yard, with rare rhododendrons surrounding a fresh,

green lawn is a testament to the artist's eye they share and is a welcome oasis on any afternoon. At the back of the property is George's iris garden, where he grows his own seedlings, Talls and smaller, all with tangerine beards, of course! In the Tb lines, he's presently working with colorful amoenas and reverse bicolors as well as pinks and "tangerine" blues. With luck, there will be late bloom on his ruffled pink SDB seedlings and his IBs.

George and Roberta always look forward to visitors and the new season. The garden has a warmer microclimate and comes to peak bloom earlier than other Portland gardens, so consider visiting them before the formal festivities.

Small and Tall Irises—Bennett and Evelyn Jones:

5635 S.W. Boundary Street, Portland, OR 97221 (503) 246-6706

In 1947, Bennett dedicated one-half of his half-acre garden to irises, mostly seedlings. For some time he grew tall bearded seedlings but slowly gave way to a growing interest in miniature dwarfs and the newly established standard dwarf irises. Bennett has maintained his soil for nearly 50 years with compost, cover crops and various minerals suggested by soil tests. Most of the hillside is a working garden, but there are handsome Pacific Coast hybrids under tall trees that front the house. The Joneses continue to grow some talls for work with intermediates, plus Siberians, Japanese and one spuria. They enjoy spring bulbs, a growing collection of hostas and unusual woodland perennials, and three hopeful tomato plants.

Bennett's fame as a hybridizer, with nine AIS median medals to his credit, has been a national legend for decades; and Evelyn's recent work, with both talls and medians, shows a new talent in the household. We suggest you visit as early as practicable and enjoy their hospitality.

Fleur de Lis Gardens—Chet Tompkins:

185 N.E. Territorial Rd., Canby, OR 97013 (503) 266-7793

Chet Tompkins says at 80 plus he's a bit old to be responsible for a convention garden. Nevertheless, he will be happy to see visitors. Chet started growing irises in 1929 in Sioux City, Iowa, where the Sass Brothers, David Hall, Paul Cook and Orville Fay were among his tutors. Forty years ago, he moved Fleur de Lis Gardens to Canby, Oregon. There, he has continued to hybridize extensive lines of Tall Bearded irises, daylilies and hostas.

Not content with those major activities, Chet also hybridizes clematis, with 80 varieties in the garden; and he has just completed a collection of all species of cyclamen, including varieties from the Mediterranean and Israel. Chet also has completed remodeling driveways and parking, as well as projects like "Hosta Heaven" and the Rock Garden. His sandy soils warm a few days earlier than peak bloom for Cooley's and Schreiners', so schedule your visit accordingly.

RAINBOW'S END, PORTLAND, 1994

Barbara Aitken (Washington)

There seems to be a growing interest in the AIS National Convention in the Portland area May 21-25, 1994. (See article page 60). The Convention hotel will be The Portland Hilton, 921 SW Sixth Ave., Portland, OR 97204-1926. Reservations 1-800/HILTONS. Rates will be \$82.00 (plus 9% tax) per night, single or double. Kids stay free with parents; extra adults over 2 per room will be an additional \$15.00 per person.

The hotel will take advance reservations, and it might be a good idea to reserve early to avoid disappointment! Be sure to mention AIS Iris Convention to take advantage of their special rates. Further information, including registration fees, will be in the January, 1994 BULLETIN.

American Iris Society Conventions

1994	Portland, OR	May 21-25
1995	Hershey, PA	
1996	Sacramento, CA	
1997	Detroit, MI	
1998	Colorado	



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Note: please include name and address of next-of-kin pertaining to memorial gifts, so that a card of acknowledgment may be sent. Checks should be payable to the American Iris Society or the American Iris Society Foundation.

IN MEMORIAM

James M. Gibson

1902-1993

When Jim Gibson died at the age of 90 in May, the iris community lost one of its world class hybridizers. He left behind an enviable record of achievement, a gorgeous array of iris varieties for our gardens, and an outstanding example of what a person with vision and determination can accomplish.

James Marion Gibson was born in 1902 at Dayton, Ohio. As a young boy, he watched the Wright Brothers experiment with their flying machines as their flight pattern took them over the Gibson back yard. His first recollection of an iris was several years later at Harrisburg, Illinois, where he spotted a flag growing along the side of the road as he walked to school. In 1918 he moved to Washington; he graduated from Oregon State University in 1926.

In 1926 his teaching career took him to Dinuba, California, and the following year to Porterville where he taught auto mechanics at the high school as well as various subjects, including photography, lapidary and cabinet making at night school. He retired in 1963.

In 1930, during the grip of the depression, Jim built a two-story garage where his family lived until time and finances permitted a move into the house he completed in 1935. The distinctive Gibson home, so well known to iris visitors in the following decades, was a fitting testimonial to his craftsmanship. It was during this time frame that Jim sent for a collection of irises from a nursery in Illinois—18 for \$1.00. He entered the first crosses into his record book in 1936, and for a total of fifty springs (through 1985) he continued his quest for the advancement of irises.

Early on, Jim was fascinated by plicatas. He wanted a goal and felt that plicatas then extant were most in need of improvement. On a visit to Professor Sydney Mitchell's garden in Berkeley, he got pollen of a red-brown seedling. Upon returning to Porterville, the only plicata left in bloom was SACRAMENTO. This cross was the first step toward producing his famous brown-toned plic line, perhaps best exemplified by WILD GINGER.

Early Gibson plic crosses relied heavily on this initial cross, plus Sass lines (SIEGFRIED, TIFFANY, ORLOFF) and the French Dykes Medal winner, MADAME LOUIS AUREAU. His first official introduction, put out by National Iris Gardens in 1948, was GIBSON GIRL, a direct cross of TIFFANY and MADAME LOUIS AUREAU. GIBSON GIRL is still widely grown by historic iris lovers and those specializing in remontants. It carries a strong tendency to rebloom, a trait passed on to many of its descendants.

At the Los Angeles convention in 1956, TAHOLAH riveted the attention of iris connoisseurs. It was co-introduced by Cooley's Gardens and Tell's Gardens. For the next fifteen years, Cooley's Gardens introduced or co-introduced the Gibson irises. However, Jim also maintained his own "backyard" garden, which expanded across the street and then down the street as he needed more space for seedlings. In later years, after he closed the garden, Cooley's once more made arrangements to introduce the Gibson irises.

he closed the garden, Cooley's once more made arrangements to introduce the Gibson irises.

Tangerine-bearded plicatas figure heavily in the Gibson annals. Beginning with his own plicata line, adding the small-flowered orchid-pink plic, NEW ADVENTURE, and some of the better Dave Hall varieties of the fifties, Jim began a long line of distinctive plicata irises, starting with APRIL MELODY and continuing on through RANCHO ROSE, OSAGE BUFF, ANON, QUEEN IN CALICO, COLUMBIA THE GEM and RUSTIC DANCE, to name just a few.

The purple and white plic, GOING MY WAY, has been his most popular variety of recent years with KILT LILT (which won the Dykes Medal in 1976), SUMMER SUNSHINE, COPPER HALO, HAPPY HALO and SIVA SIVA being but a few of his many well known introductions. He was awarded the AIS Hybridizer's Medal in 1965.

Although best known for his plicatas—indeed it is difficult to find a modern tall bearded plicata which does not involve a Gibson variety in its lineage—Jim was successful with non-plicatas as well. The pink LORNA LEE, named for his daughter, won the Premio Firenze in 1965, as did the red-bearded violet-blue, SPACE BLAZER, in 1978. OPENING NIGHT, PINK SWAN and PLUM DAZZLE are other non-plics which immediately come to mind.

Jim is survived by his daughter, Lorna Etter, of Centralia, Washington. Memories of the stocky, genial, deeply tanned gentleman will remain in the hearts of iris lovers who knew him for many, many years.

Keith Keppel

IN MEMORIAM

Dr. Raymond C. Allen

Distinguished horticulturist and former AIS Board member Dr. Ray C. Allen passed away on May 8, 1993, in Tucson.

Dr. Allen served as an AIS Director from 1964-72 and as Scientific Chairman from 1970-79. He was chairman of the National Test Garden Committee from 1963-69. In 1968 Dr. Allen was named to head a special committee that was to develop a plan for establishing a fitting memorial to AIS personages. The idea was to establish a tax-free foundation. This eventually led to the formation of The American Iris Society Foundation.

Dr. Allen was a Director of Kingwood Center in Mansfield, Ohio, for twenty-two years. He had served as President of The American Rose Society, the first President of World Federation of Rose Societies, President of Men's Garden Clubs of America, and a Director of The Garden Writers Association of America and of The American Horticultural Society. Also, he was a Fellow of the Boyce Thompson Institute for Plant Research.

Dr. Allen received many medals for his work in the plant world, among them the Distinguished Service Medal of The American Iris Society in 1972 and The American Rose Society Gold Honor Medal in 1964.

He is survived by one son, Rodney Allen of Ohio; one daughter, Edith Coleman of California; and two grandchildren of Ohio.

IN MEMORIAM

James Geddes Douglas

Editor, *AIS Bulletin*: 1946-1960

On April 30 of this year, a 90-year-old voice fell silent—a voice that could tell tales of pioneer hybridizers and the history of a youthful American Iris Society.

Throughout the 1920s and 1930s, Nashville was a center of iris interest and development. There you were to find noteworthy breeders such as James Kirkland, Clarence Connell, and T. A. Washington who, combined, had garnered three Dykes Medals by 1938. There, too, lived Robert Swan Sturtevant—transplanted New Englander, younger brother of “superstar” pioneer hybridizer Grace Sturtevant, and editor of the *AIS Bulletin*. For anyone developing a passion for irises, Nashville offered as much stimulation as a person could bear: exciting seedling fields each spring, a showcase of new irises from elsewhere in the country, and a hand on the pulse of the North American iris world. Into this heady atmosphere strode genial, enthusiastic Geddes Douglas.

McKee and Harrison in their *Half Century of Iris* note that Geddes Douglas (no one in an AIS knew him as James) began hybridizing in 1931. His name first appears in the AIS membership list for 1934. It seems that Geddes was not only enthusiastic but lucky as well. In that same year (though the 1939 Check List has 1935), Elizabeth Nesmith’s Fairmount Gardens offered his first introduction, FRANCESCA, “A tall and stately iris of deep Pompeian pink . . . \$25.00”. (Its parentage—GOLDEN FLARE *sdlg.* X SHERBERT *sdlg.* suggests that other Nashville hybridizers were encouraging an up-and-coming “youngster” by giving him access to their unnamed hybrids.) An exotic-sounding color wasn’t enough to attract legions of admirers, and so FRANCESCA died a fairly swift catalog death. But her demise was not without honor, for in 1941 she gained the distinction of Grandmother to another Douglas origination and a genuine “first”: the tangerine-bearded white TITIAN LADY.

Personality, enthusiasm, hard work, and being at the right place at the right time gave Geddes a widening circle of iris friends and an enlarging seedling patch from which significant irises emerged during the 1940s. The most widely admired of these was the lovely, graceful light yellow AMANDINE (1946), noteworthy at the time for just missing the Dykes Medal on more than one occasion. Other popular Douglas irises included the plain-but-reliable white SHARKSKIN (1942); dark yellows DIVIDEND (1944), MIMOSA GOLD (1947), and PAGAN GOLD (1951 but registered in the ’40s); red sibs DRUM MAJOR (1947) and SARAH GOODLOE (1949); gaudy tangerine-bearded pink/purple bicolor PAGAN PRINCESS (1948); and two blues—the utterly charming BB BILLET DOUX (1947) and CHICORY BLUE which was handicapped only by its tenderness.

The spectre of tenderness, in fact, channeled Geddes’ breeding toward late-blooming irises—especially blues, whites, and yellows—which might escape early freezes that ruined early bloom on far too many occasions. Though the cross of ADIOS X CORTEZ fell outside any goal of late-flowering blues, whites, or yellows, it produced a guaranteed season-closer and the most significant of the

Douglas irises: EXTRAVAGANZA (1944). It was a “not quite” iris. The standards were not quite white, falls were a mixture of red, purple and brown—so it was not quite an amoena—and it was, frankly, not quite beautiful. But it suggested potential, and in crosses with amoenas such as WABASH it proved to be *the* key parent to produce improvements in the amoena color class that had been virtually stagnant since the 1930s. CRITERION and GAYLORD were first generation products; BRIGHT HOUR was a child of CRITERION. EXTRAVAGANZA crossed with the WABASH offspring LOUISE BLAKE produced HEADLINES (Brummitt 1955)—hardly exaggerated as the “black and white iris”—which won a Dykes Medal in England. Further progress in this line ceased chiefly because the advent of Paul Cook’s dominant bicolor PROGENITOR derivatives spawned a torrent of irises with white standards over blue and violet falls—though few presented the extreme contrast attainable from traditional amoena lines.

In the 1950s, Geddes’ friendship with Paul Cook led him into a completely new hybridizing realm. By exchanging pollen of tall bearded irises and selections of *I. pumila*, Geddes was one-half responsible for the first modern SDB hybrids, or “Lilliputs” as they were first known, after the Douglas 1953 introduction. This contribution is recognized in the annually awarded Cook-Douglas Medal for standard dwarf bearded.

Hybridizing achievements, though, took second place to Geddes’ way with the written word. Articles for the *Bulletin* often reflected his serious interest in iris breeding. In “Prelude To Pink” (February 1944), he gave a detailed account of the seven independent origins (as of that date) of the tangerine beard; accompanying parentage charts revealed much significant, unrecorded information. “Progress In Pink” (October 1947) summarized the origins and reported breeding directions and achievements in the intervening three years. Several early-’40s issues offered a “Family Tree” feature that charted lineages of popular irises of the day—again showing breeding information that was absent from the 1939 Check List and subsequent registration reports.

Beginning in 1946, Geddes signed on as Associate Editor of the *Bulletin* under returning pro-tem Editor Bob Sturtevant; by the year’s end, he was at the helm with Sturtevant, Jesse Wills, and Sam Caldwell as the backup team. In his first full year as *Bulletin* Editor, Geddes also appeared as Editor of *The Iris, An Ideal Hardy Perennial*; this was the first AIS book venture outside of check lists and presented a thorough overview of the genus plus chapters on such diverse topics as genetics, culture, history, judging, and photography.

During his long tenure as Editor, the *Bulletin* attained a standard that still is exemplary, offering a wide range of material from articles on pedigrees and chromosomes to varietal comment to personal profiles; growing interest in irises other than tall bearded found expression in *Bulletin* pages. Overall, he managed a tone that combined authoritativeness with a friendly voice that remained above folksy.

After the productive *Bulletin* years, Geddes and irises gradually parted company; in later years, daylilies occupied more of his interest. But rumors persisted, among a few pedigree fanatics, of a Geddes Douglas notebook—really a sort of “little black book”—containing iris parentage information not recorded in the check lists. After all, he had revealed some of this sort of information in *Bulletin*

articles, so why not imagine there might be more? Finally, in the late 1970s, contact was established by then-Editor Edinger who raised the question and was rewarded by an exchange of friendly letters and the notebook itself! It was presented to AIS Historian Larry Harder at the 1980 convention, a fitting closure to one man's distinguished career among and for irises.

Philip Edinger

IN MEMORIAM

Charles W. Army, Jr.

The world of irises lost one of its most valuable contributors with the death of Charles W. Army, Jr. in March of this year. Charlie, as his friends called him, became a member of the Society for Louisiana Irises and The American Iris Society in 1948 after moving to Lafayette, Louisiana to teach at the University of Southwestern Louisiana. Although he had grown up in New Orleans and taught vocational agriculture in the state, it took a move to the Lafayette area for him to really become interested in the native Louisiana irises. He saw the annual iris show and met people who were collecting and growing Louisiana irises. At this early date there were few commercial growers and most distribution was the result of "trades" and "give-aways." Such options were not usually available to the newcomers, but Charlie managed to begin a collection of the best Louisianas to be found or bought. These formed the nucleus of his early hybridizing program, with the seedlings then evaluated and used for future hybridizing. His goals were many, but they centered around finding something different and distinctive, whether it be in form, color or markings. He was interested in landscaping, and thus, in the garden value of the irises he introduced. Some early successes were CLYDE REDMOND, a medium height blue, ILA NUNN, a tall cream and CHARLIE'S MICHELE, the first Louisiana to show ruffling. Most growers will remember Army for his later ruffled whites, CLARA GOULA and ACADIAN MISS.

Results of Army's hybridizing efforts began to show up during the 1950-1970 period with his many winners at the annual iris show and into the 1970s with seven DeBaillon Award winners. Eventually, his irises would win twelve DeBaillon Awards, more than by any other hybridizer. He registered his first Louisiana irises in the mid-1950s and introduced over 100 more during the next 35 years. Most have survived the test of time and continue to be grown in gardens throughout the world. More importantly, they have become the ancestors of hundreds of introductions from other hybridizers and will continue to do so for years to come. His irises are in the background of most of the currently popular introductions.

Charles Army became active in the iris societies and served in many ways: President of the Society for Louisiana Irises, Regional Vice President of Region

10, a contributor to the AIS *Bulletin* and SLI Newsletter and as a delegate to many AIS Conventions. He promoted Louisiana irises by speaking to groups, teaching judging schools and holding his garden open to visitors during bloom season. He gave his irises to many individuals and donated them to special plantings such as for parks and botanic gardens. Special recognition was given Mr. Army by many local and national articles written about his hybridizing. There have been articles about him in several Australian publications.

Army was awarded the AIS Hybridizer's Medal in 1968, and he was elevated to a Judge Emeritus in 1980. The Society for Louisiana Irises presented their Service Award to him in 1956 and the Distinguished Merit Award in 1990. Members voted at the April, 1993 SLI Meeting to set up a special award honoring him.

Charles Army is survived by his wife, Joyce, and a son, Charles W. Army, III.

In Memoriam

Isabelle Campbell (Virginia)

Franklin Carr (New Jersey)

Jean Drumm (Kansas)

Mrs. Dale Fenrich (Idaho)

Mrs. Eugene Harris (Nevada)

Margaret R. Johnson (New Mexico)

Alice Kronebusch (Minnesota)

Peter Lustre (Tennessee)

Edwin T. Mitchell (Virginia)

Leah Ralls (Oklahoma)

James H. Turner (Virginia)

Virginia Will (Oklahoma)

REQUEST FOR FRAGRANT TB RHIZOMES

David Shahak, proprietor of Tira Nurseries in Israel, and a member of AIS, has written Samuel Norris asking for tall bearded rhizomes to grow for the perfume industry. He grows *Iris pallida* and is trying to collect tall bearded varieties which involve *I. pallida* and/or *I. germanica* in their parentage. However, he is interested in any TB varieties with fragrant rhizomes. He will conduct laboratory tests of their essence to identify those which are superior in aromatic substances.

If anyone has any information about aromatic rhizomes please contact David Shank at Tira Nurseries, Emek Beit Shean, 10815, Israel.

IRIS SLIDES FOR RENT

AIS offers a number of iris slide sets for rental to members, each consisting of approximately 100 35mm slides. These provide excellent programs for both iris societies and garden clubs.

SLIDE SETS AVAILABLE FOR 1994

THE NEWEST IN IRISES: 1991 through 1994 introductions—mostly TB, but contains other types.

RECENT AWARD WINNERS: HM and AM winners—1990 through 1993.

THE POPULARITY POLL: Favorite irises as reflected by the 1993 AIS Symposium.

TYPES OTHER THAN TALL BEARDED: Bearded and beardless—arranged in approximate blooming sequence.

RELIABLES: Mostly past award winners of various types—especially suited for newer iris societies and garden clubs.

1990 OMAHA CONVENTION

1991 WASHINGTON D. C. CONVENTION

To Order: Requests for slides should be made well in advance of requested date, preferably six to eight weeks. If optional, specify alternate sets and/or dates. Clearly PRINT name and mailing address to whom slides are to be sent. Rental fee is \$7.50 per set, payable to AIS. Only one set allowed for any request date. AIS Affiliate Societies are entitled to one free set per calendar year. Slide sets are to be returned next day after viewing by PRIORITY mail.

Send check with request to:

Mike Moller, Chairman
Slides Committee
3455 Vallejo Ct.
Colorado Springs, Co 80918

Note: Telephone calls cannot be returned.

SECTION SLIDES AVAILABLE

The various Sections of AIS also have slide sets available for rent. These feature irises of each respective group. Rental fee is \$5.00 per set, unless noted otherwise. Requests for these slide sets should be submitted as follows:

ARILS and ARILBREDS: Order from Clay H. Osborne, 47806 Calle Fiesta, Indio, CA 92201. Rental fee \$7.50—Check to Aril Society International.

DWARF: Dorothy Willott, 26231 Shaker Blvd., Beachwood, OH 44122-7111. Check to Dwarf Iris Society.

HISTORIC IRIS PRESERVATION SOCIETY (HIPS): Contact Joan Cooper, 212 West Country Rd. C, St. Paul, MN 55113. Check to HIPS.

JAPANESE: Order from John Coble, 9823 E. Michigan Ave., Galesburg, MI 49053. Check to Japanese Iris Society.

MEDIANS: Order from Terry Aitken, 608 N.W. 119th St., Vancouver, WA 98685. Check to MIS.

REBLOOMERS: Contact Diana Nicholls, 4724 Angus Drive, Gainesville, VA 22065. Check to Reblooming Iris Society. Rental fee is \$7.50.

SIBERIANS: Order from Thomas Abrego, P.O. Box 693, Newberg, OR 97132. Check to Society for Siberian Irises.

SPECIES: Several sets available—Order from Helga Andrews, 11 Maple Ave., Sudbury, MA 01776. Check to SIGNA.

SPURIAS: To order, contact Marilyn Holloway, 673 Acacia Ave., Sacramento, CA 95815. Check to Spuria Iris Society.



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FROM THE EDITOR

It is good to have the opportunity to say thanks to those people who are so good about sending articles for the BULLETIN. It's always difficult to find those who are willing to write, and I certainly appreciate those people who accept the challenge. Others who have not had anything published in the Bulletin are welcome to submit articles, especially welcome are articles on cultural practices and hybridizing. Something that we can always use is articles for beginners. If you would like to write such an article, feel free to do so. Don't worry about your ability to punctuate or provide sentence structure, that's what the editor can do.

Many of you are aware that we have an actress among our members. This lady, Dodo Denney, has appeared in several movies and television shows. In November, we can all see her in a two-part NBC movie called "Final Justice." She plays the part of Patty Duke's mother and Martin Sheen's mother-in-law. Dodo is a Master Judge and has a lovely garden. Watch the movie and watch a real live irisarian at work.

My apologies for not having more pictures of gardens from the Fort Worth Convention. They were just not available.

Those of you in the sections who would like to see articles about your favorite type of irises should send those articles to me. In the January issue there will be articles about the conventions of the Siberian Iris Society and the Japanese Iris Society. The Median Iris Society Median Spree is covered in this issue by the wonderful Barbara Schmieder who came to my rescue when another article didn't get written.

AIS SALES ITEMS

<i>THE WORLD OF IRISES</i>	\$17.50
Edited by Warburton & Hamblen; 34 contributors and authors including international authorities. 494 pages of text; 32 pages full color. Published in 1978 and the most authoritative book on all phases of irises, scientific and popular, 6" x 9" hard bound cloth cover.	
<i>HANDBOOK FOR JUDGES AND SHOW OFFICIALS</i>	complete ... \$6.00
	pages only ... \$4.00
Fifth Edition, in handy looseleaf form. Available with or without binder for holding the pages.	
Iris Notes, 3½ x 5½, reproductions of watercolors from the archives of the Brooklyn Botanic Garden, \$4.00 per pack, 3 for \$11.00. Each pack contains ten notes and envelopes, two different designs.	
Order by pack number: Pack 1: 5 <i>Iris aurea</i> , 5 <i>Iris latifolia</i> .	
Pack 2: 5 <i>Iris xiphium</i> , 5 Japanese iris.	
Pack 3: 5 <i>Iris pallida</i> hybrid, 5 Gladwyn iris.	
<i>IRIS SHOW POSTERS</i>	Packet of 6, \$10.00
Promote your show with these full-color posters 11" x 16".	
<i>AIS LAPEL PINS</i>	\$5.00
AIS logo in blue and green on silver plated pin ½" x ⅝" with safety lock catch.	
<i>1991 AIS MEMBERSHIP BOOK</i> . A complete listing of members of AIS, including addresses.	\$10.00
<i>1939 CHECK LIST</i>	\$10.00
Reprint. Soft cover.	
<i>1969 IRIS CHECK LIST</i>	\$17.00
Reprint. Ten-year compilation of registrations 1960-69.	
<i>1979 IRIS CHECK LIST</i>	\$17.00
Reprint. Ten-year compilation of registrations 1970-79.	
<i>1989 IRIS CHECK LIST</i>	\$15.00
Ten-year compilation of registrations 1980-89.	
<i>REGISTRATIONS AND INTRODUCTIONS—</i>	
1990	\$4.00
1991	\$5.00
1992	\$5.00
<i>BULLETINS: Back issues, if available</i>	\$3.00
<i>BRONZE ANNIVERSARY MEDALS</i>	\$2.50
The AIS 50th Anniversary medal in antiqued bronze. Suitable for pendants, show prizes, and special awards.	
<i>AIS SEALS</i>	Pack—\$2.50; 5 Packs—\$10.00
Self-adhesive ovals larger than a half dollar, official design in blue and green on a silver background. (50 per pack)	
<i>RHS COLOUR CHARTS</i>	\$45.00
Set of four color fans, plus instruction leaflet.	
<i>1993 AIS CALENDAR</i>	\$5.00—10 for \$30.00
<i>INVITATION TO JOIN BROCHURES</i>	in quantities, 8¢ each.

Prices include postage and handling.

Make checks payable to The American Iris Society

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Phone (918) 445-2222

A TOPICAL COLLECTION OF IRIS STAMPS—PART VI

Harry Kuesel (Colorado)

Photos by Bill Ransom (CO) and Walt Krueger (MN)

In our last article on iris stamps, we described some of the work of Wendy Roller, Koen Engelen, Tommy Thompson, Sidney Linnegar, and Gill Mautner in the search for iris stamps. We found 11 different kinds of irises on stamps and cachets from 21 different countries.

Gill Mautner has continued to assist me in assembling iris stamps from around the world. To assist iris stamp collectors in finding more specific details about each stamp, we are supplying both the Scott Publications and Stanley Gibbons Ltd. catalog numbers and dates of issue where known. The stamps are listed by country in alphabetical order.

AFGHANISTAN

On July 3, 1987, Afghanistan issued a 7 value set of stamps showing both butterflies and flowers. The 12 Afghani stamp (Scott 1256 and S.G. 1159) has butterflies gathering pollen from a lavender iris-like flower, probably of *regeliocyclus* origin, which is native to that country. (See photo M.)

AJMAN

Early in 1973, the Trucial State of Ajman issued a 6 value butterfly set and souvenir sheet showing a red peony, a bachelor button, and an orange iris (accidentally upside down) probably of the bulbous type. (See photo I.)

In 1972, Ajman issued an 8 value set of bird paintings by Hiroshiga for the World Conservation of birds. The 1 Dirhan stamp shows the great white egret standing in some reeds with the yellow iris, *pseudacorus* in the left center and lower right corner of the stamp. (See photo I.)

Also in 1972, Ajman issued a 16 value sheetlet and 4 airmail stamps featuring paintings by Utamaro. There are some yellow iris-like flowers on the lady's dress in the 5 Dirhans stamp. Also the 8 Dirhans stamp in this set shows a painting called the Lower Grade that has a vase of Japanese irises in the bottom right side (No Scott or S.G. numbers). (See photo I.)

BURUNDI

On July 19, 1979, Burundi issued a miniature sheet of 4 stamps. (Scott B 82a-d, S.G. 1306) to celebrate the International Year of the Child. The right margin shows a Rubens painting of the "Virgin and Child" with a floral border. A blue tall bearded iris appears in the upper right corner of this painting. Just a year earlier Burundi issued a 13 franc stamp (Scott 543) showing the same painting but with the blue iris border cropped out. (See photo M.)



Photo M



Photo I



Photo I

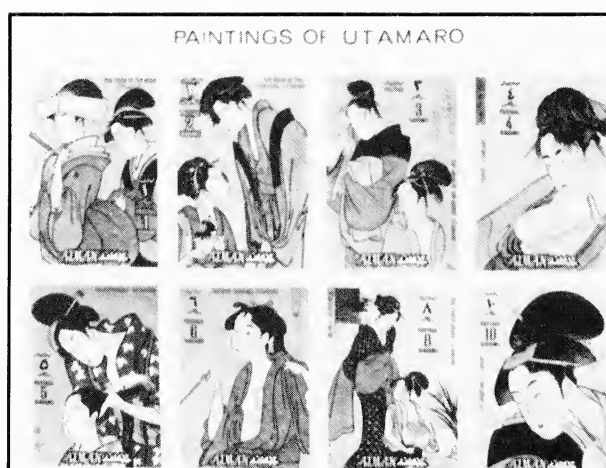


Photo I



Photo M

COOK ISLANDS

On November 30, 1982, Cook Islands issued a 4 value set and souvenir sheet showing Princess Diana and Prince William with details from a garland by Rubens. The blue tall bearded iris appears in the 48¢ stamp (Scott 658 and S.G. 857) and the \$1.70 stamp (Scott 690 and S.G. 859) and two of the 60¢ stamps (Scott 691a and 691d and S.G. 860 and 861) in the souvenir sheet. (See photo N.)

On November 17, 1986, the Cook Islands issued a 3 value set plus 2 souvenir sheets for Christmas. The 1.30 stamp (Scott 920 and S.G. 1081) and the \$6.40 souvenir sheet (Scott 923 and S.G. 1084) show garlands surrounding a painting of the Virgin by Rubens with blue irises in the upper right corner. The \$2.40 souvenir sheet (Scott 922b and S.G. 1083) shows blue irises in the upper right corner of Rubens painting—The Virgin and Child. (See photo N.)

This set was overprinted and reissued November 21, 1986, to honor Pope John Paul's first visit to the South Pacific (Scott B101 and B103b, and S.G. 1088, 1089). (See Photo O.)

CYPRUS

On July 6, 1984, Cyprus issued a 3 value set (Scott 241-243 and S.G. 247) and a Souvenir Sheet (Scott 243a and S.G. 248a) in honor of the 18th Olympic Games in Tokyo. The 25m stamp shows 2 boxers and a stylized iris between them. (See Photo P.)

In the British Royal Mail stamp booklet cover (S.G. Folded Booklet FB59) the excavation at Knossos, Crete is pictured and reference is made to the book "Archaeology" by Sir Arthur Evans which describes these particular excavations. The irises in the painting (probably xiphiums) are reported to have been painted nearly 4000 years ago. (See Photo P.)

On November 5, 1990, Cyprus issued a floral set showing 6 different flowers, but the iris was omitted (Scott 766-771) However, their official first day cover shows a bulbous iris *sisyrinchium* in the cachet. (See Photo R.)



Photo N

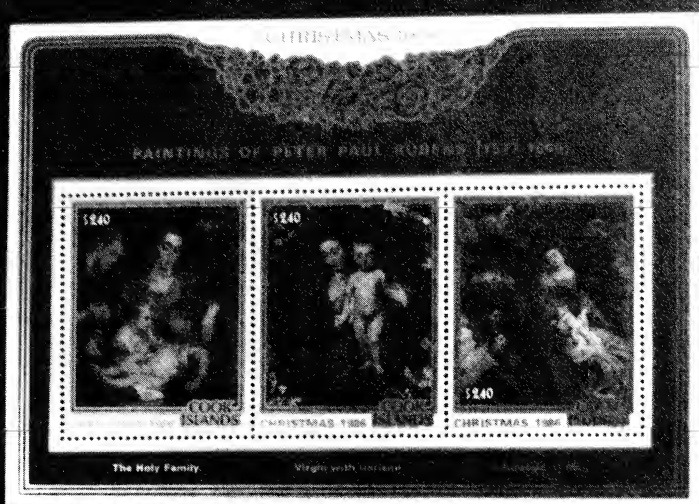


PHOTO O

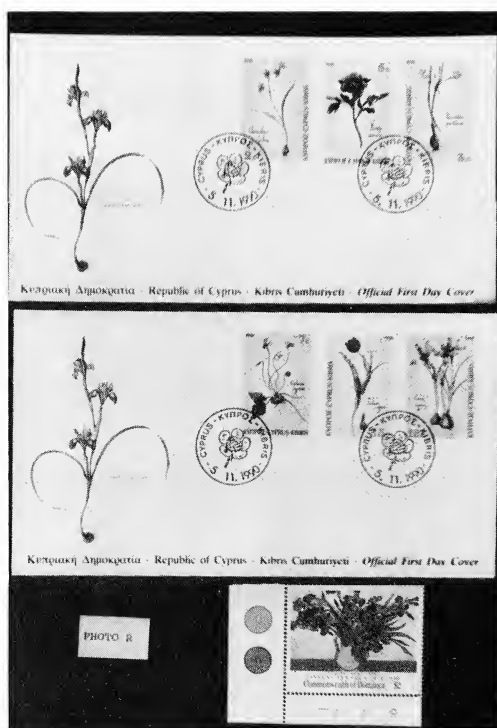


Photo O



Photo P

Photo R



DOMINICA

On July 8, 1991, Dominica issued an 8 value set of paintings by Van Gogh. The \$2.00 stamp (Scott 1343 and S.G. 1448) shows a tall vase with blue irises. (See Photo R.)

EQUATORIAL GUINEA

In 1992, Equatorial Guinea issued a souvenir sheet showing two Japanese Women painted by Utamaro and a 200 ek air mail stamp showing irises painted on a vase. (See photo S.)

FINLAND

Finland issued a 2 value set on Sept. 7, 1991. The 2.10 m stamp (Scott 868 and S.G. 1262) shows a copy of a modern painting—The Iris—by Alfred Finch on a ceramic vase. (See photo S.)

GRENADA

On May 13, 1991, Grenada issued a 9 value set showing copies of the art of Vincent Van Gogh. The \$. stamp showing a portrait of Pere Tanguy has a tall bearded iris in the background over his left shoulder (Scott 1980 and S.G. 2248). (See photo T.)

GIBRALTAR

On November 1, 1978, Gibraltar issued a 5 penny stamp showing a pen and watercolor drawing by Albrecht Durer called Madonna with Animals (Scott 374 and S.G. 414). The bearded iris in the left center of the stamp is hard to spot. A detail of the painting is shown so you can see the iris is there. (See photo Q.)

GUERNSEY

On May 22, 1992, Guernsey issued a 10 value floral set. The one pound stamp, which is a spring bouquet, shows 2 white and 3 blue irises (Scott 495 and S.G. 571). (See photo T.)

JAPAN

On May 30, 1988, Japan issued 20 value literature series. The 60 yen stamp (Scott 1776 and S.G. 1946) shows a white Japanese iris against a pale green background. This is also shown on the souvenir sheet (Scott 1776a). (See photo U.)

During 1989 and 1990, Japan issued a 47 value floral set showing the flowers of each of the prefectures (states). The 62 yen stamp for the Aichi prefecture shows a closeup of *I. lavigata* also called the rabbit ear iris (Scott 1885 and S.G. 2064). the 62 yen stamp for the Mie prefecture is *I. ensata* (Scott 1886 and S.G. 2064). See photo U.)

On June 30, 1990, Japan issued a 62 yen multicolored stamp for the opening of trade relations between Japan and Turkey (Scott 2026 and S.G. 2093). There are two stylized irises in the upper left and right corners of this stamp. (See photo U.)

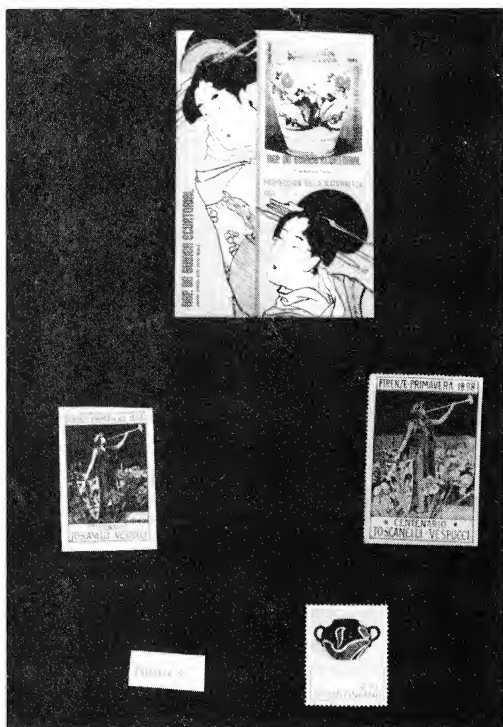


Photo S

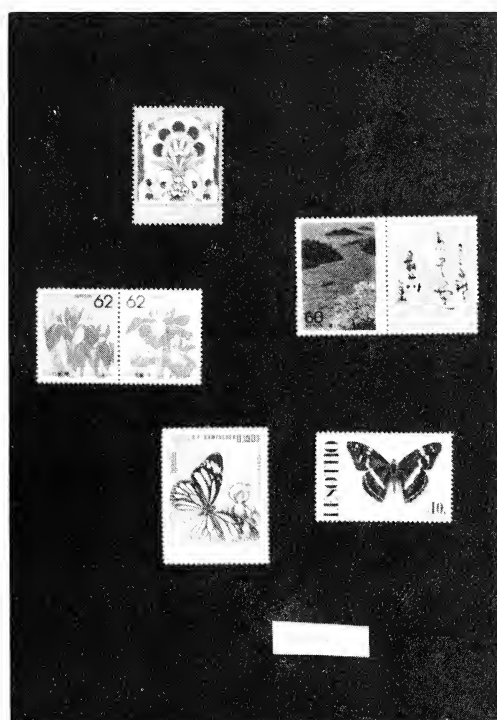
Photo T





Photo Q

Photo U



KAMPUCHEA (CAMBODIA)

In 1986, the Asian country of Kampuchea issued a 7 value butterfly set. The 20 riel stamp shows an orange and black butterfly near a blue tall bearded iris (S.G. 727). (See photo U.)

MONACO

On March 15, 1990, Monaco issued a 4 value floral set showing flowers named in honor of the members of the Royal family. The 3 franc yellow and orange bicolored TB iris stamp was labeled "Grace Patricia" (Scott 1708 and S.G. 1972). (See photo V.)

On April 24, 1992, Monaco issued a 2 value set to commemorate the International Ameriflora Exhibition in Columbus, Ohio. The 5.00 vase of flowers stamp has a bicolored tall bearded iris in the upper left portion of a bouquet (Scott 1818 and S.G. 2087). (See photo V.)

POLAND

On August 13, 1990, Poland issued a pair of self adhesive stamps for international mail service. The violet 5000 z definitive stamp shows a bearded iris with foliage (Scott 2979 and S.G. 3298). (See Photo V.)

ROUMANIA

On March 25, 1991, Romania issued a 5 value set commemorating Vincent Van Gogh's death centennial. The 50b stamp shows his painting, A Field of Irises (mostly blue tall bearded with one yellow one in the left corner) (Scott 3634 and S.G. 5318). (See photo W.)

ST. VINCENT-GRENADINES

On June 10, 1991, the St. Vincent-Grenadines issued a 16 value set of Van Gogh's paintings. The 5 cent value shows "The View of Arles" with irises in the foreground. They appear to be tall bearded (Scott 749 and S.G. 733). (See photo W.)

SIERRA LEONE

On December 15, 1988, the African country of Sierra Leone issued a 10 value set of famous paintings by Rubens to celebrate Christmas. The 20 le value shows Rubens "Virgin and Child" surrounded by flowers, some of which are blue tall bearded irises (Scott 1017 and S.G. 1188). (See photo W.)

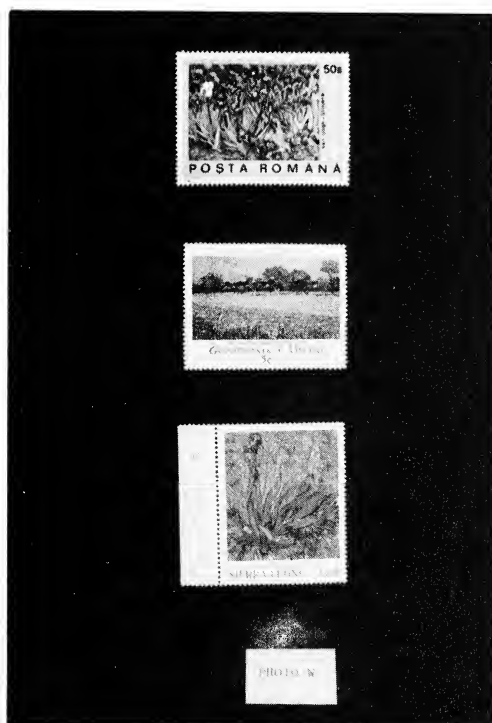
In 1991, Sierra Leone issued a 4 value set and a souvenir sheet of famous paintings by Vincent Van Gogh. The 50 le value is a painting "The Iris" and shows a stalk of a blue tall bearded iris with accompanying foliage (Scott 1373). (See photo W.)

On October 29, 1991, Sierra Leone issued a 16 value sheetlet showing 3 views of the Kyoto Botanic Gardens in Japan and 13 flower portraits. One of these stamps shows a blue Japanese iris, *kaempferi*. (Scott 1425 i). (See photo X.)



Photo V

Photo W



SAUDI ARABIA

In 1991, Saudi Arabia issued floral sheetlets in 3 values, each showing 21 different flowers. The flower in the upper right corner is iris *sisyrinchium* which is one of the bulbous species (Scott 1115g-1117g and S.G. 1603, 1624 and 1645). (See photo Y.)

TURKS AND CAICOS ISLANDS

On December 23, 1973, the Turks and Caicos Islands issued a 6 value set of Rubens paintings for the 400th anniversary of his birth. The 6 cent stamp show "The Virgin and Child" with Garlands and is the same painting previously described above for the December 15, 1988, stamp from Sierra Leone (Scott 334 and S.G. 475). (See photo X.)

UNITED STATES

On July 24, 1992, the USA issued a 50 value wildflower set of 29 cent stamps for Ameriflora at Columbus, Ohio. One of the stamps is the wild iris called the blue flag (Scott 2663). (See Photo Y.)

In summary, this listing shows iris stamps from over 20 different countries including at least two bulbous species, *i. xiphium* and *i. syseinchium*, *i. pseudacorus*, *i. ensata*, *i. lavigata*, *i. kaempferi*, and the wild iris—blue flag as well as many tall bearded irises.

I also have received reports of at least 7 new iris discoveries, but that will have to wait for another day.

A LETTER FROM CY BARTLETT ABOUT BROWN LASSO

In my article about BROWN LASSO in a recent BULLETIN, I should have said it was the first BB from the United States rather than the first BB to win. The first BB world-wide to receive an FCC was OUIJA, registered in 1974 and bred by Miss N. K. Scopes.

What threw me was the parentage of OUIJA—LITTLE SIR ECHO X FIRE-BALL. I assumed that OUIJA was an IB, but it is definitely registered as a BB.

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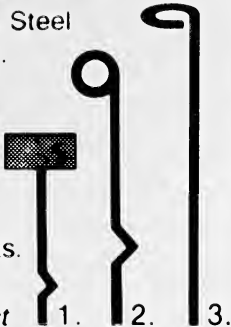
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All advertising copy and photographs, except color which requires individual arrangements, must be received by the Advertising Editor by April 15 (July Issue), July 15 (October Issue), October 15 (January Issue) and January 15 (April Issue).

Send advertising copy and check payable to The American Iris Society to:

Ms. Kay Nelson-Keppel, Advertising Editor
P.O. Box 18145 Salem, OR 97305 Tel. (503) 391-9241

How To Register and Introduce an Iris

These instructions apply to the registration of all classes of irises *except bulbous irises*.

REGISTRATION

1. Write to the AIS Registrar Kay Nelson, P.O. Box 37613, Omaha, Nebraska 68137, for a registration blank, enclosing a check for the registration fee payable to the American Iris Society. Registration fee is \$7.50 for each iris; for each transfer of a name from one iris to another the fee is \$10.00.
2. Select a name that has not been previously registered, which may be submitted for approval when you write for the registration blank. You will save time for yourself and for the Registrar if you will first look in the AIS Check Lists and the annual reports of the Registrar since 1979 to see if the name you have chosen has been registered previously. Please also suggest an alternate name. The Registrar will hold an approved name for a short time to enable you to complete the blank and send it back to her, but *a name is not registered until the registration blank is filed and approved by the Registrar*. A registration certificate then will be sent to you.
3. Names should follow the rules established by the International Horticultural Code, and the following names shall not be admissible:
 - a. Names of living persons without the written permission of that person.
 - b. Names of persons including forms of address (that is, JANE DOE, not MRS. JANE DOE).
 - c. Names including numerals or symbols.
 - d. Names beginning with the article "a" and "the" or their equivalent in other languages unless required by linguistic custom.
 - e. Abbreviations unless required by linguistic custom.
 - f. Latin names or Latinized forms. However, the AIS custom of using part of the Latin names of a species, namely the specific epithet, as part of the cultivar name when this seems appropriate (e.g. SUSIMAC, from *I. susiana* X IB-MAC), shall be continued.
 - g. Use of trademark or copyrighted names unless previously in common use.
 - h. A slight variation of a previously registered name.
 - i. Names containing more than three words.
 - j. Names that exaggerate or may become inaccurate (e.g. HEAVIEST LACE, TALLEST BLACK).
4. Previously registered names may be re-used provided (a) the original registration has not been introduced or distributed by name, (b) does not appear by name in later parentage registrations, and (c) the new registrant furnishes the Registrar with written statement of permission from the previous registrant.
5. Names will not be released as obsolete unless there is proof that no stock now exists and that the iris was never used as a parent.

INTRODUCTIONS

An introduction is an offering for sale to the public. Catalogs, printed lists, and advertisements in the American Iris Society *Bulletin* are acceptable mediums of introduction. It is a requisite for the awards of the Society above that of High Commendation. *An iris is not eligible for these awards until two years after its introduction has been recorded with the Registrar*. Send Ms. Nelson a copy of the catalog, list or advertisement and she will acknowledge the fact that the introduction has been recorded. (For irises introduced in the AIS BULLETIN, notify her of the BULLETIN number and page on which the introductory advertisement appears.)

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Effective 1993

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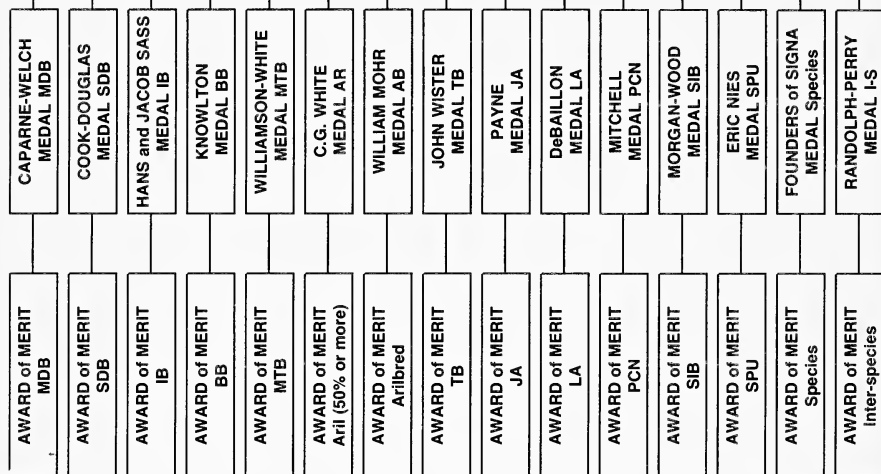
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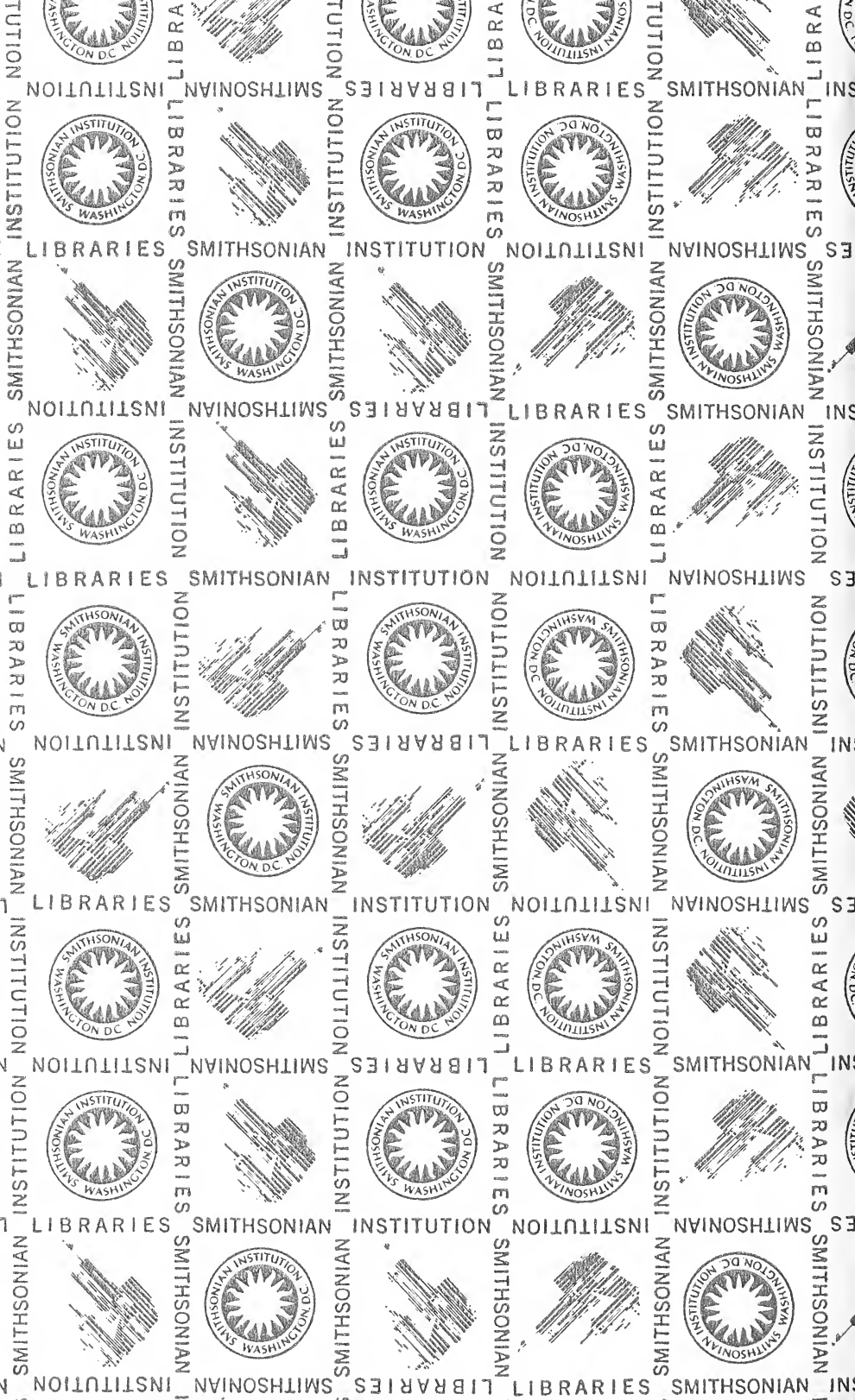
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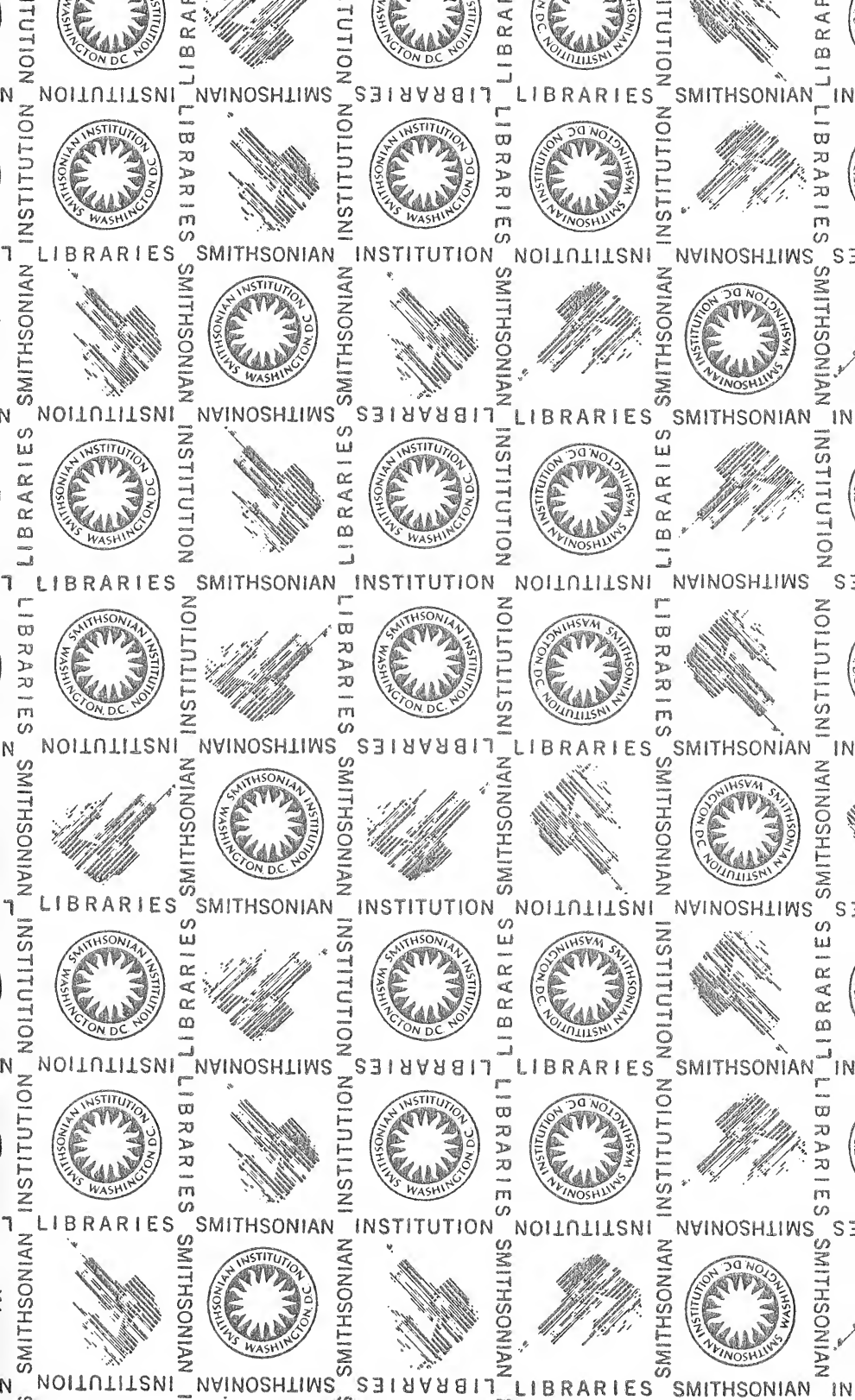
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